



DIENTEN VAN DE EERSTE MINISTER
PROGRAMMATIE VAN HET WETENSCHAPSBELEID
Wetenschapsstraat 8
1040 BRUSSEL
BELGIE

NATIONAAL ONDERZOEKS- EN
ONTWIKKELINGSPROGRAMMA

LEEFMILIEU

WATER

PROJEKT ZEE

Eindverslag

Boekdeel 11

**VERONTREINIGING VAN HET BELGISCH
WATERWEGENNET EN DE KUSTZONE**

VERZAMELING VAN DE GEGEVENS

Tome A

MAAS EN BIJRIVIEREN



SERVICES DU PREMIER MINISTRE
PROGRAMMATION DE LA POLITIQUE SCIENTIFIQUE
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1040 BRUXELLES
BELGIQUE

PROGRAMME NATIONAL DE RECHERCHE
ET DE DEVELOPPEMENT

ENVIRONNEMENT

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PROJET MER

Rapport final

Volume 11

**NIVEAUX DE POLLUTION DU RESEAU
HYDROGRAPHIQUE
ET DE LA ZONE COTIERE BELGES**

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VLAAMS INSTITUUT VOOR DE ZEE
FLANDERS MARINE INSTITUTE
Oostende - Belgium



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uitgevoerd door

Jacques C.J. NIHOUL en C. BOELEN

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May 1944

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**Niveau de pollution du réseau hydrographique
et de la zone côtière belges**

Recueil des données

Tome A

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INTRODUCTION

Le volume 11 est entièrement consacré à la présentation des résultats analytiques obtenus au cours du Programme National de Recherches et de Développement sur l'Environnement physique et biologique "Pollution de l'Eau", Modèle Mathématique de la Mer, par les unités de l'Institut de Recherches Chimiques du Ministère de l'Agriculture (M-15) et de l'Institut d'Hygiène et d'Epidémiologie du Ministère de la Santé Publique (M-22), chargées d'établir l'Inventaire des polluants dans la zone côtière marine et dans les cours d'eau de Belgique.

Une synthèse générale de ces résultats est reprise dans le volume 6 sous le titre "Niveaux de pollution du réseau hydrographique et de la zone côtière belges" (J. BOUQUITAUX et P. HERMAN) .

Le volume 11 est divisé en 3 tomes :

Tome A : Meuse et affluents

Tome B : Escaut et affluents

Tome C : Yser et Côte belge .

Chaque tome comporte deux parties :

1° les tableaux de résultats

INLEIDING

Het volume 11 is geheel gewijd aan de voorstelling van de analytische resultaten bekomen, tijdens het Nationaal Programma voor Onderzoek en Ontwikkeling over het fysisch en biologisch Leefmilieu "Waterverontreiniging", Mathematisch Model van de Zee, door de eenheden van het Instituut voor Scheikundig Onderzoek van het Ministerie van Landbouw (M-15) en van het Instituut voor Hygiëne en Epidemiologie van het Ministerie van Volksgezondheid (M-22), belast met de uitvoering van de Inventaris van verontreinigers in de marinekustzone, en in de Belgische waterlopen .

Een algemene synthese van deze resultaten is vervat in het volume 6 onder titel "niveau's van verontreiniging van het hydrografisch bekken en van de Belgische kustzone" (J. BOUQUITAUX en P. HERMAN) .

Het volume 11 is onderverdeeld in drie boekdelen :

Boekdeel A : Maas en bijrivieren

Boekdeel B : Schelde en bijrivieren

Boekdeel C : Yser en Belgische kust .

Elk boekdeel is samengesteld uit twee delen :

1° de tabellen van de resultaten

2° les cartes géographiques avec report synthétique des moyennes .

Tous les résultats sont actuellement conservés sur bande magnétique qui constitue une banque de données relatives à la composition physico-chimique, bactériologique et hydrobiologique des eaux de surface ainsi qu'à la composition physique et chimique des sédiments .

Le système de gestion et de traitement des données par ordinateur a été entièrement élaboré par M. LEGRAND du Centre de Calcul de l'Institut d'Hygiène et d'Epidémiologie , avec la collaboration de Ch. BOELEN du même Institut qui s'est occupée, en outre, de rassembler les résultats de l'inventaire, de contrôler les tableaux ainsi que de réaliser les cartes, en collaboration avec les responsables des unités .

Les résultats analytiques sont regroupés par emplacement d'échantillonnage et sont subdivisés en quatre types de tableaux en fonction du substrat ou de l'analyse :

- analyse physique et chimique des sédiments
- analyse chimique des matières en suspension
- analyse physico-chimique et bactériologique de l'eau

2° de geografische kaarten met synthese van de gemiddelden .

Al de resultaten zijn momenteel opgeslagen op magnetische band, die een gegevensbank vormt met betrekking tot de fysico-chemische, bacteriologische en hydrobiologische samenstelling van het oppervlaktewater evenals tot de fysische en chemische samenstelling van de sedimenten .

Het beheersysteem en de behandeling van de gegevens door ordinator werd geheel uitgewerkt door M. LEGRAND van het Rekencentrum van het Instituut voor Hygiëne en Epidemiologie, met de medewerking van Ch. BOELEN, van bovenvermeld Instituut, die zich daarenboven ingezet heeft voor het verzamelen van de inventarisresultaten het controleren van de tabellen en voor het opstellen van de kaarten, in samenwerking met de verantwoordelijken van elke eenheid .

De analytische resultaten zijn gegroepeerd per bemonsteringsplaats en onderverdeeld in vier typen van tabellen in functie van het substraat of van de analyse :

- fysische en chemische analyse van sedimenten
- chemische analyse van zwevende stoffen
- fysico-chemische en bacteriologische analyse van het water

- analyse hydrobiologique du plancton et du périphyton.

En ce qui concerne les cartes géographiques, chaque emplacement inventorié y est repéré, soit par un cercle pour les résultats relatifs à l'eau, soit par un carré s'il s'agit de sédiments. Les moyennes arithmétiques y sont représentées de façon imagée en cinq classes de concentration; chacune d'elles correspond à 20% du nombre total de résultats (ceux de la mer exceptés).

- hydrobiologische analyse van het plankton en van het periphyton.

Wat betreft de geografische kaarten, elke geïnventariseerde plaats is erin opgenomen, hetzij door een cirkel voor de resultaten in verband met het water, hetzij door een vierkant in geval van sedimenten. De rekenkundig gemiddelden worden er uitgebeeld volgens vijf concentratie-klassen; elk van deze komt overeen met 20% van het totaal aantal resultaten (behalve voor de zee).

- analyse hydrobiologique du plancton et du périphyton.

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	Liste des abréviations -----	Lijst van de afkortingen -----
Aldrin	aldrine	aldrin
a m	alphamésosaprobe	alphamesosaproob
a o	alphaoligosaprobe	alphaoligosaproob
Asfree Weight	poids sec sans cendres	asvrij-gewicht
b m	bêtamésosaprobe	betamesosaproob
b o	bêtaoligosaprobe	betaoligosaproob
BOD5	demande biologique en oxygène après cinq jours	biologisch zuurstofverbruik na vijf dagen
Carb.H	dureté carbonatée	karbonaten-hardheid
Chlor.a	chlorophylle a	chlorofyl a
COD	demande chimique en oxygène	chemisch zuurstof verbruik
Cyan.	cyanures totaux	totale cyaniden
DDD	dichlorodiphényldichloro- éthane	dichloordiphenyldichloorethaa
DDE	dichlorodiphényldichloro- éthylène	dichloordiphenyldichloor- ethyleen
DDT	dichlorodiphényltrichloro- éthane	dichloordiphenyltrichloor- ethaan
Det.	détergents anioniques	anionische detergents
Devia.	déviation standard si n est supérieur à 5 sinon écart à la moyenne	standaarddeviatie als n groter is dan 5 anders afwijking van het gemiddelde
Dioldr	dioldrine	dioldrin
Dry weight	poids sec	drooggewicht
Div. Shannon	diversité selon Shannon	diversiteit volgens Shannon
Endrin	endrine	endrin
Epoxy	époxyde de l'heptachlore	heptachloorepoxyde
Fec.coli.	coliformes fécaux	fecale coliformen
Fec.strep	streptocoques fécaux	fecale streptococcen
H2O	humidité	vochtigheid
Hepta.	heptachlore	heptachloor
%Indiv.	fraction des individus reprise pour la détermi- nation de la saprobité	deel van de individuen genome voor de bepaling van de saprobiteit
K	conductivité	conductiviteit
Lindan	lindane	lindaan
LW550	perte au feu à 550°C	gloeiverlies bij 550°C

LW1000	perte au feu à 1000°C	gloeiverlies bij 1000°C
Mean	moyenne arithmétique	rekenkundig gemiddelde
mcg/l	microgrammes par litre	microgrammen per liter
mcS/cm	microsiemens par cm	microsiemens per cm
Muns.	Munsen	Munsen
N amm	azote ammoniacal	ammoniakale stikstof
N.C.H.	dureté non carbonatée	niet karbonaten hardheid
N org.	azote organique	organische stikstof
N tot.	azote total	totale stikstof
Number Indiv.	nombre d'individus	aantal individuen
Number Species	nombre d'espèces	aantal soorten
O ₂ %	saturation en oxygène sur place	zuurstof verzadiging ter plaaste
O ₂	concentration en oxygène sur place	zuurstof concentratie ter plaatse
(24h)	concentration en O ₂ après 24 H	zuurstof concentratie na 24 U
(48h)	concentration en O ₂ après 48 H	zuurstof concentratie na 48 U
(120h)	concentration en O ₂ après 120 H	zuurstof concentratie na 120 U
O.M.	matières organiques	organische stoffen
PCB	biphényles polychlorés	meervoudig gechloreerde biphenyls
P tot.	phosphore total	totale fosfor
Phen.	composés phénolés	fenol verbindingen
%Sepc.	fraction des espèces reprise pour la détermination de la saprobité	deel van de soorten genomen voor de bepaling van de saprobiteit
Spec.S	surface spécifique	specifieke oppervlakte
Species- -code	code hydrobiologique pour chaque espèce	hydrobiologische code voor el soort
Susp.M	matières en suspension	zwevende stoffen
Temp	température en °C	temperatuur in °C
TIC	carbone inorganique total	totale anorganische koolstof
TOC	carbone organique total	totale organische koolstof
Tot.count	germes totaux	totale kiemen
Tot.coli.	coliformes totaux	totale coliformen
Tot.H	dureté totale	totale hardheid
Tot.S	soufre total	totale zwavel

- 2 mu	fraction criblométrie inférieure à 2 microns	criblométrische fractie kleiner dan 2 microns
-37 mu	fraction criblométrie inférieure à 37 microns	criblométrische fractie kleiner dan 37 microns
+1 mm	fraction criblométrie supérieure à 1 mm	criblométrische fractie groter dan 1 mm
+149 mu	fraction criblométrie comprise entre 149 microns et 1 mm	criblométrische fractie begrepen tussen 149 microns en 1 mm
+63 mu	fraction criblométrie comprise entre 63 et 149 microns	criblométrische fractie begrepen tussen 63 en 149 microns
+37 mu	fraction criblométrie comprise entre 37 et 63 microns	criblométrische fractie begrepen tussen 37 en 63 microns
+2 mu	fraction criblométrie comprise entre 2 et 37 mu	criblométrische fractie begrepen tussen 2 en 37 mu
+149 mu f.m.	fraction magnétique de 149 mu	magnetische fractie van 149 mu
+63 mu f.m.	fraction magnétique de 63 mu	magnetische fractie van 63 mu

LISTE DES ESPECES - SOORTENLIJST

Speciescode Espèce-Soort

Poids : Valences saprobiques
Gewicht: Saprobiele valenties

G : bo ao bm am p

BACTERIOPHYTA

19 Species divers : Bacteriophyta	-	-	-	-	-	-
21 Beggiatoa alba	5	0	0	0	1	9
23 Chromatium spp.	-	-	-	-	-	-
24 Cladothrix dichotoma	2	0	1	5	4	0
25 Crenothrix polyspora	-	-	-	-	-	-
26 Lampropedia hyalina	-	-	-	-	-	-
27 Sarcina paludosa	5	0	0	0	0	10
28 Sphaerotilus natans	3	0	0	0	4	6
29 Thiopedia rosea	5	0	0	0	0	10
31 Zoogloea ramigera	5	0	0	0	1	9

CYANOPHYTA

43 Species divers : Cyanophyta	-	-	-	-	-	-
44 Anabaena spp.	-	-	-	-	-	-
45 Anabaena constricta	5	0	0	0	0	10
52 Chroococcus spp.	-	-	-	-	-	-
54 Chroococcus minutus	-	-	-	-	-	-
58 Merismopedia spp.	-	-	-	-	-	-
59 Merismopedia glauca	-	-	-	-	-	-
60 Merismopedia tenuissima	2	0	1	4	5	0
61 Microcystis spp.	-	-	-	-	-	-
62 Microcystis aeruginosa	3	0	3	6	1	0
64 Lyngbya spp.	-	-	-	-	-	-
65 Nostoc spp.	-	-	-	-	-	-
66 Oscillatoria spp.	-	-	-	-	-	-
67 Oscillatoria Agardhii	4	0	0	8	2	0
68 Oscillatoria chlorina	4	0	0	0	2	8
70 Oscillatoria limosa	2	0	1	5	4	0
71 Oscillatoria princeps	5	0	0	0	10	0
73 Oscillatoria splendida	5	0	0	0	10	0
74 Oscillatoria tenuis	3	0	0	2	7	1
75 Phormidium spp.	-	-	-	-	-	-
78 Anabaenopsis spp.	-	-	-	-	-	-
79 Pleurocapsa minor	-	-	-	-	-	-

EUGLENOPHYTA :

89 Species divers : Euglenophyta	-	-	-	-	-	-
90 Anisonema spp.	-	-	-	-	-	-
91 Astasia spp.	-	-	-	-	-	-
92 Astasia Dangeardii	5	0	0	0	0	10
93 Astasia inflata	-	-	-	-	-	-
94 Astasia Klebsii	3	0	0	1	7	2
95 Colacium spp.	-	-	-	-	-	-
96 Dinema spp.	-	-	-	-	-	-
98 Distigma proteus	-	-	-	-	-	-

99	Euglena spp.	3	0	0	5	5	0
100	Euglena acus	3	0	1	6	3	0
101	Euglena clavata	-	-	-	-	-	-
102	Euglena geniculata	3	0	0	0	6	4
103	Euglena gracilis	2	0	0	4	5	1
104	Euglena heterochromata	3	0	0	5	5	0
106	Euglena oxyuris	3	0	0	6	4	0
107	Euglena pisciformis	3	0	0	5	5	0
109	Euglena proxima	2	0	0	2	3	5
112	Euglena spirogyra	2	0	3	5	2	0
113	Euglena viridis	2	0	0	1	4	5
114	Heteronema spp.	-	-	-	-	-	-
115	Lepocinclis spp.	-	-	-	-	-	-
116	Lepocinclis ovum	3	0	0	5	5	0
117	Menoidium spp.	-	-	-	-	-	-
120	Phacus spp.	-	-	-	-	-	-
121	Phacus acuminatus	-	-	-	-	-	-
123	Phacus caudatus	4	0	0	8	2	0
124	Phacus curvicauda	-	-	-	-	-	-
125	Phacus longicauda	3	0	0	4	6	0
126	Phacus orbicularis	5	0	0	10	0	0
128	Phacus pyrum	-	-	-	-	-	-
130	Phacus tortus	-	-	-	-	-	-
131	Rhabdomonas incurva	5	0	0	10	0	0
133	Trachelomonas spp	-	-	-	-	-	-
136	Trachelomonas hispida	3	0	2	6	2	0
138	Trachelomonas pulcherrima	-	-	-	-	-	-
139	Trachelomonas volvocina	2	0	3	4	3	0
140	Urceolus spp.	-	-	-	-	-	-

PYRROPHYTA

152	Species divers	-	-	-	-	-	-
155	Chilomonas spp.	-	-	-	-	-	-
156	Chroomonas spp.	-	-	-	-	-	-
157	Cryptomonas spp.	-	-	-	-	-	-
159	Glenodinium spp.	-	-	-	-	-	-
161	Gonyaulax apiculata	-	-	-	-	-	-
162	Gymnodinium spp.	-	-	-	-	-	-
163	Peridinium spp.	-	-	-	-	-	-
175	x	-	-	-	-	-	-

CHRYSTOPHYCEAE XANTHOPHYCEAE

177	Flagellatae apochromatae	-	-	-	-	-	-
178	Species divers :	-	-	-	-	-	-
179	Bicocaeca spp.	-	-	-	-	-	-
180	Bicocaeca planonica	4	0	2	8	0	0
181	Bodo spp.	4	0	0	0	3	7
182	Chromulina spp.	-	-	-	-	-	-
183	Chrysococcus spp.	3	0	6	4	0	0
184	Chrysococcus biporus	3	0	6	4	0	0
185	Chrysococcus minutus	3	0	6	4	0	0
186	Chrysococcus rufescens	3	0	6	4	0	0
188	Dinobryon spp.	-	-	-	-	-	-
190	Dinobryon divergens	3	0	2	7	1	0
191	Dinobryon sertularia	4	0	7	3	0	0
192	Dinobryon sociale	-	-	-	-	-	-
193	Kephyrion spp.	-	-	-	-	-	-
195	Mallomonas spp.	-	-	-	-	-	-
196	Mallomonas acaroides	4	0	2	8	0	0

197	Ochromonas spp.	-	-	-	-	-	-
198	Ophiocytium spp.	-	-	-	-	-	-
199	Ophiocytium cochleare	-	-	-	-	-	-
200	Salpingoeca frequentissima	3	0	4	6	0	0
202	Synura uvella	3	0	2	7	1	0
203	Tribonema spp.	-	-	-	-	-	-
204	Uroglena spp.	-	-	-	-	-	-
205	Centritractus spp.	-	-	-	-	-	-
206	Salpingoeca spp.	-	-	-	-	-	-
207	Lagenoeca spp.	-	-	-	-	-	-
208	Poteriodendron petiolatum	-	-	-	-	-	-
209	Vaucheria spp.	-	-	-	-	-	-
210	Bodo putrinus	5	0	0	0	0	10
211	Chrysamoeba sp.	-	-	-	-	-	-

BACILLARIOPHYCEAE : DIATOMEAE

216	Species divers :	-	-	-	-	-	-
219	Achnanthes spp.	-	-	-	-	-	-
220	Achnanthes minutissima	2	1	4	5	0	0
221	Achnanthes lanceolata	3	5	3	2	0	0
222	Achnanthes brevipes	-	-	-	-	-	-
223	Amphiprora spp.	-	-	-	-	-	-
224	Amphora spp.	-	-	-	-	-	-
225	Amphora ovalis	1	1	3	4	2	0
226	Asterionella formosa	3	0	6	4	0	0
227	Asterionella gracilima	-	-	-	-	-	-
228	Asterionella japonica	-	-	-	-	-	-
231	Biddulphia spp.	-	-	-	-	-	-
232	Caloneis spp.	-	-	-	-	-	-
233	Caloneis amphisbaena	2	0	1	5	4	0
234	Caloneis silicula	3	0	5	5	0	0
237	Ceratoneis arcus	3	6	4	0	0	0
238	Chaetoceros spp.	-	-	-	-	-	-
239	Cocconeis spp.	-	-	-	-	-	-
240	Cocconeis placentula	1	2	4	3	1	0
241	Coscinodiscus spp	-	-	-	-	-	-
242	Cyclotella spp.	-	-	-	-	-	-
244	Cyclotella Meneghiniana	3	0	0	4	6	0
245	Cyclotella chaetoceras	-	-	-	-	-	-
247	Cymatopleura elliptica	2	0	2	7	1	0
248	Cymatopleura solea	3	0	1	5	4	0
249	Cymbella spp.	-	-	-	-	-	-
250	Cymbella affinis	3	0	5	5	0	0
253	Cymbella lanceolata	5	0	1	9	0	0
254	Cymbella naviculiformis	4	0	1	8	1	0
256	Cymbella prostrata	-	-	-	-	-	-
257	Cymbella turgida	-	-	-	-	-	-
258	Cymbella ventricosa	1	2	4	3	1	0
259	Cymbella cistula	4	0	2	8	0	0
262	Diatoma anceps	3	4	6	0	0	0
263	Diatoma elongatum	3	0	5	5	0	0
264	Diatoma hiemale var mesodon	4	8	2	0	0	0
265	Diatoma vulgare	2	0	3	5	2	0
266	Diploneis spp.	-	-	-	-	-	-
269	Diploneis ovalis	-	-	-	-	-	-
271	Epithemia argus	-	-	-	-	-	-
272	Epithemia turgida	-	-	-	-	-	-
273	Eucocconeis flexella	-	-	-	-	-	-
274	Eunotia spp.	-	-	-	-	-	-
275	Eunotia arcus	-	-	-	-	-	-
276	Eunotia lunaris	2	5	4	1	0	0

277	<i>Eunotia pectinalis</i>	4	8	2	0	0	0
278	<i>Eunotia praerupta</i>	-	-	-	-	-	-
279	<i>Fragilaria</i> spp.	-	-	-	-	-	-
280	<i>Fragilaria capucina</i>	3	0	6	4	0	0
281	<i>Fragilaria construens</i>	-	-	-	-	-	-
282	<i>Fragilaria crotonensis</i>	3	0	6	4	0	0
283	<i>Fragilaria intermedia</i>	-	-	-	-	-	-
284	<i>Fragilaria virescens</i>	4	8	2	0	0	0
285	<i>Frustulia vulgaris</i>	4	0	8	2	0	0
286	<i>Gomphonema</i> spp.	1	1	3	4	2	0
287	<i>Gomphonema acuminatum</i>	4	0	3	7	0	0
288	<i>Gomphonema constrictum</i>	3	0	2	7	1	0
289	<i>Gomphonema olivaceum</i>	1	1	3	3	3	0
290	<i>Gomphonema parvulum</i>	1	1	2	4	3	0
291	<i>Hantzschia</i> spp.	-	-	-	-	-	-
292	<i>Hantzschia amphioxys</i>	5	0	0	1	9	0
293	<i>Melosira</i> spp.	-	-	-	-	-	-
294	<i>Melosira arenaria</i>	4	8	2	0	0	0
295	<i>Melosira granulata</i>	4	0	2	8	0	0
296	<i>Melosira Italica</i>	3	0	6	4	0	0
298	<i>Melosira varians</i>	2	0	3	5	2	0
299	<i>Meridion circulare</i>	2	4	5	1	0	0
300	<i>Navicula</i> spp.	-	-	-	-	-	-
301	<i>Navicula cuspidatavar ambigua</i>	5	0	0	9	1	0
302	<i>Navicula cryptocephala</i>	4	0	0	3	7	0
303	<i>Navicula gracilis</i>	2	0	4	5	1	0
304	<i>Navicula lanceolata</i>	-	-	-	-	-	-
305	<i>Navicula radiosa</i>	3	0	4	6	0	0
306	<i>Navicula rhynchocephala</i>	4	0	0	3	7	0
307	<i>Navicula viridula</i>	4	0	0	2	8	0
308	<i>Neidium</i> spp.	-	-	-	-	-	-
309	<i>Nitzschia</i> spp.	1	0	0	5	5	0
310	<i>Nitzschia acicularis</i>	4	0	0	3	7	0
311	<i>Nitzschia actinastroides</i>	5	0	1	9	0	0
312	<i>Nitzschia acuta</i>	-	-	-	-	-	-
313	<i>Nitzschia amphibia</i>	-	-	-	-	-	-
314	<i>Nitzschia hungarica</i>	5	0	0	1	9	0
315	<i>Nitzschia linearis</i>	3	0	5	5	0	0
316	<i>Nitzschia ignorata</i>	-	-	-	-	-	-
317	<i>Nitzschia palea</i>	3	0	0	3	6	1
318	<i>Nitzschia recta</i>	3	0	0	5	5	0
319	<i>Nitzschia sigmoidea</i>	4	0	1	8	1	0
320	<i>Nitzschia stagnorum</i>	4	0	0	8	2	0
321	<i>Nitzschia sublinearis</i>	-	-	-	-	-	-
322	<i>Nitzschia tryblionella</i>	4	0	0	1	9	0
323	<i>Nitzschia vermicularis</i>	4	0	0	7	3	0
324	<i>Pinnularia</i> spp.	-	-	-	-	-	-
325	<i>Pinnularia gibba</i>	4	8	2	0	0	0
326	<i>Pinnularia interrupta</i>	-	-	-	-	-	-
327	<i>Pinnularia maior</i>	5	0	0	9	1	0
329	<i>Pinnularia microstauron</i>	4	5	5	0	0	0
331	<i>Pinnularia viridis</i>	5	0	0	9	1	0
332	<i>Podosira</i> spp.	-	-	-	-	-	-
333	<i>Raphoneis amphi-ceros</i>	-	-	-	-	-	-
334	<i>Rhizosolenia</i> spp.	-	-	-	-	-	-
336	<i>Rhoicosphenia curvata</i>	2	0	3	5	2	0
338	<i>Stauroneis</i> spp.	-	-	-	-	-	-
339	<i>Stauroneis phoenicenteron</i>	4	0	3	7	0	0
341	<i>Stephanodiscus Hantzschii</i>	4	0	0	3	7	0
342	<i>Surirella</i> spp.	-	-	-	-	-	-
345	<i>Surirella linearis</i>	4	0	0	8	2	0
346	<i>Surirella ovalis</i>	-	-	-	-	-	-
347	<i>Surirella ovata</i>	2	0	3	5	2	0

348	Surirella robusta var splendida	3	0	2	7	1	0
350	Surirella tenera	5	0	0	9	1	0
351	Synedra spp.	-	-	-	-	-	-
352	Synedra acus	3	0	2	7	1	0
353	Synedra acus var angustissima	3	0	2	7	1	0
354	Synedra affinis	-	-	-	-	-	-
355	Synedra amphicephala	4	7	3	0	0	0
356	Synedra nana	-	-	-	-	-	-
357	Synedra rumpens	-	-	-	-	-	-
358	Synedra ulna	1	1	2	4	3	0
359	Tabellaria fenestrata	3	0	6	4	0	0
360	Tabellaria flocculosa	3	4	6	0	0	0
361	Gyrosigma acuminatum	4	0	0	8	2	0
362	Nitzschia filiformis	-	-	-	-	-	-
363	Nitzschia Hantzschiana	2	2	5	3	0	0
364	Attheya zachariasii	3	0	4	6	0	0
365	FRUSTULIA RHOMBOIDES	3	4	6	0	0	0
366	BACILLARIA PARADOXA	4	0	2	8	0	0
367	Navicula hungaricavar.capitata	3	0	0	6	4	0
368	Navicula dicephala	-	-	-	-	-	-
369	Stauroneis Smithii	-	-	-	-	-	-

CHLOROPHYTA

372	Species divers :	-	-	-	-	-	-
373	Actinastrum spp.	-	-	-	-	-	-
375	Actinastrum Hantzschii	4	0	1	8	1	0
376	Ankistrodesmus spp	-	-	-	-	-	-
377	Ankistrodesmus falcatus	2	0	1	5	4	0
379	Botryococcus spp.	-	-	-	-	-	-
380	Carteria spp.	-	-	-	-	-	-
381	Chaetophora spp.	-	-	-	-	-	-
382	Characium spp.	-	-	-	-	-	-
383	Chlamydomonas spp	-	-	-	-	-	-
384	Chorella spp.	-	-	-	-	-	-
385	Chlorogonium spp.	-	-	-	-	-	-
386	Cladophora spp.	1	1	3	4	2	0
387	Closteriopsis longissima	-	-	-	-	-	-
388	Closterium spp.	-	-	-	-	-	-
389	Closterium acerosum	4	0	0	2	8	0
390	Closterium Ehrenbergii	4	0	2	8	0	0
392	Closterium pronum	-	-	-	-	-	-
393	Closterium strigosum	2	0	2	4	4	0
394	Coelastrum spp.	-	-	-	-	-	-
395	Coelastrum microporum	4	0	1	8	1	0
396	Cosmarium spp.	-	-	-	-	-	-
397	Cosmarium botrytis	4	0	0	2	8	0
398	Crucigenia spp.	2	0	2	6	2	0
399	Crucigenia crucifera	2	0	2	6	2	0
400	Crucigenia fenestrata	2	0	2	6	2	0
401	Crucigenia irregularis	2	0	2	6	2	0
402	Crucigenia quadrata	2	0	2	6	2	0
403	Crucigenia rectangularis	2	0	1	4	5	0
404	Crucigenia tetrapedia	2	0	4	4	2	0
405	Crucigenia truncata	2	0	2	6	2	0
407	Eudorina elegans	3	0	2	7	1	0
408	Dictyosphaerium ehrenbergianum	5	0	0	10	0	0
409	Dictyosphaerium pulchellum	3	0	1	7	2	0
410	Gloeocystis spp.	-	-	-	-	-	-
411	Golenkinia radiata	-	-	-	-	-	-
412	Gonium pectorale	2	0	0	2	4	4
413	Gonium sociale	3	0	0	4	6	0

414	Kirchneriella lunaris	5	0	0	10	0	0
415	Kirchneriella obesa	5	0	0	10	0	0
416	Lagerheimia spp.	-	-	-	-	-	-
417	Lagerheimia ciliata	-	-	-	-	-	-
419	Lagerheimia quadriseta	-	-	-	-	-	-
420	Micractinium spp.	-	-	-	-	-	-
421	Micractinium pusillum	4	0	1	8	1	0
422	Microspora spp.	3	4	5	1	0	0
423	Microthamnion spp	-	-	-	-	-	-
424	Oocystis spp.	-	-	-	-	-	-
425	Oocystis crassa	-	-	-	-	-	-
426	Oedogonium spp.	-	-	-	-	-	-
427	Pandorina morum	3	0	2	6	2	0
428	Pediastrum spp.	-	-	-	-	-	-
429	Pediastrum biradiatum	-	-	-	-	-	-
430	Pediastrum Boryanum	3	0	2	7	1	0
431	Pediastrum duplex	3	0	3	7	0	0
432	Pediastrum obtusum	-	-	-	-	-	-
434	Pediastrum tetras	3	0	3	6	1	0
436	Scenedesmus spp.	2	0	2	6	2	0
437	Scenedesmus abundans	2	0	2	6	2	0
438	Scenedesmus acuminatus	4	0	0	8	2	0
439	Scenedesmus armatus	2	0	2	6	2	0
440	Scenedesmus arcuatus	4	0	2	8	0	0
441	Scenedesmus bicaudatus	2	0	2	6	2	0
442	Scenedesmus bijuga	5	0	0	10	0	0
443	Scenedesmus denticulatus	2	0	2	7	1	0
444	Scenedesmus dimorphus	2	0	2	6	2	0
445	Scenedesmus incrassulatus	2	0	2	6	2	0
446	Scenedesmus longus	2	0	2	6	2	0
447	Scenedesmus obliquus	4	0	0	7	3	0
448	Scenedesmus opoliensis	5	0	0	10	0	0
449	Scenedesmus quadricauda	3	0	2	6	2	0
450	Selenastrum bibraianum	3	0	1	6	3	0
451	Selenastrum gracile	3	0	1	7	2	0
452	Spirogyra spp.	-	-	-	-	-	-
453	Staurostrum spp.	-	-	-	-	-	-
454	Staurostrum paradoxum	-	-	-	-	-	-
455	Stigeoclonium tenue	4	0	0	3	7	0
456	Tetradismus Smithii	-	-	-	-	-	-
458	Tetraedron spp.	-	-	-	-	-	-
459	Tetraedron caudatum	5	0	0	10	0	0
461	Tetraedron minimum	3	0	1	7	2	0
463	Tetraedron regulare	-	-	-	-	-	-
464	Tetraedron quadratum	-	-	-	-	-	-
465	Tetraedron trigonum	3	0	1	7	2	0
466	Tetrastrum staurogeniaeforme	4	0	0	8	2	0
467	Treubaria setigerum	5	0	0	10	0	0
468	Ulothrix spp.	-	-	-	-	-	-
469	Ulothrix zonata	2	2	5	3	0	0
471	Zygnema spp.	-	-	-	-	-	-
472	Coleochaeta spp.	3	0	5	5	0	0
473	Westella linearis	5	0	0	10	0	0
474	Polyedriopsis spinulosa	4	0	1	8	1	0
475	Haematococcus lacustris	-	-	-	-	-	-
476	Sphaerocystis schroeteri	5	0	10	0	0	0
477	Tetrastrum heteracanthum	-	-	-	-	-	-
478	Pteromonas angulosa	5	0	0	10	0	0
479	x x	-	-	-	-	-	-
480	Mougeoutia spp.	-	-	-	-	-	-
481	Quadrigula spp.	-	-	-	-	-	-

RHIZOPODA : SARCODINA - HELIOZOA

485 Species divers	-	-	-	-	-	-
486 Actinophrys spp.	3	0	0	5	5	0
487 Amoeba spp.	-	-	-	-	-	-
488 Amoeba gorgonia	-	-	-	-	-	-
489 Amoeba vespertilio	-	-	-	-	-	-
490 Arcella discoides	3	0	5	5	0	0
491 Arcella vulgaris	1	1	2	5	2	0
493 Centropyxis discoides	3	0	6	4	0	0
497 Diffflugia spp.	-	-	-	-	-	-
498 Diffflugia oblonga	3	0	6	4	0	0
499 Diffflugia rubescens	-	-	-	-	-	-
502 Nebela spp.	-	-	-	-	-	-
503 Trinema spp.	-	-	-	-	-	-
504 Trinema lineare	3	0	3	6	1	0
505 x x	-	-	-	-	-	-
511 Spondylomorum sp.	-	-	-	-	-	-
512 Phacotus sp.	-	-	-	-	-	-

CILIATA

516 Species divers	3	0	0	0	5	5
519 Amphileptus spp.	-	-	-	-	-	-
520 Amphileptus claparedei	4	0	0	2	8	0
522 Aspidisca costata	4	0	0	2	8	0
527 Campanella umbellaria	3	0	0	5	5	0
528 Carchesium spp.	-	-	-	-	-	-
529 Carchesium polypinum	3	0	0	2	7	1
530 Chaetospora entzi	-	-	-	-	-	-
533 Chilodonella spp.	-	-	-	-	-	-
534 Chilodonella cucullulus	5	0	0	1	9	0
535 Chilodonella uncinata	5	0	0	0	10	0
538 Coleps hirtus	3	0	0	5	5	0
539 Colpidium spp.	-	-	-	-	-	-
541 Colpidium colpoda	4	0	0	0	3	7
542 Colpoda cucullus	4	0	0	0	7	3
543 Colpoda steini	4	0	0	0	2	8
544 Cyclidium spp.	-	-	-	-	-	-
545 Cyclidium citrullus	4	0	0	1	8	1
548 Didinium nasutum	3	0	1	6	2	1
549 Dileptus anser	3	0	4	6	0	0
550 Epistylis plicatilis	3	0	0	1	7	2
552 Euplotes affinis	3	0	1	6	3	0
553 Euplotes patella	4	0	0	8	2	0
558 Glaucoma pyriforme(Tetrahymena pyr)	5	0	0	0	0	10
559 Glaucoma scintillans	4	0	0	0	2	8
560 Halteria grandinella	3	0	2	7	1	0
562 Hemiohrys bivacuolata	5	0	0	10	0	0
563 Hemiohrys pleurosigma	3	0	0	5	5	0
564 Lacrymaria olor	5	0	0	10	0	0
566 Lionotus fasciola	4	0	0	1	8	1
567 Lionotus lamella	4	0	0	8	2	0
569 Opercularia coarctata	3	0	0	0	4	6
573 Ophridium versatile	4	0	8	2	0	0
574 Oxytricha fallax	4	0	0	1	8	1
575 Paramecium spp.	-	-	-	-	-	-
576 Paramecium bursaria	4	0	0	7	3	0
577 Paramaecium caudatum	4	0	0	0	7	3
580 Phascolodon vorticella	5	0	0	10	0	0

585	Prorodon teres	5	0	0	0	10	0	XIV.
588	Spirostomum teres	4	0	0	1	8	1	
590	Stentor coeruleus	4	0	0	2	8	0	
592	Stentor roeseli	3	0	0	5	5	0	
594	Strombidium spp.	-	-	-	-	-	-	
595	Stylonichia spp.	-	-	-	-	-	-	
596	Stylonichia mytilus	5	0	0	1	9	0	
599	Thuricola folliculata	3	0	2	6	2	0	
601	Trachelius ovum	3	0	0	5	5	0	
606	Uronema spp.	-	-	-	-	-	-	
607	Uronema marinum	4	0	0	0	7	3	
610	Vaginicola ingenita	3	0	0	6	4	0	
611	Vorticella spp.	3	0	0	0	5	5	
612	Vorticella campanula	3	0	1	6	3	0	
613	Vorticella convallaria	5	0	0	1	9	0	
614	Vorticella microstoma	5	0	0	0	0	10	
616	Zoothamnium spp.	3	0	0	5	5	0	
617	Trochilia minuta	5	0	0	1	9	0	
618	Pyxicola constricta	-	-	-	-	-	-	

SUCTORIA :

630	Metacineta mystacina	3	0	0	5	5	0
631	Podophrya fixa	3	0	0	1	2	7
632	Tokophrya spp.	-	-	-	-	-	-
634	Acineta lacustris	3	0	0	0	4	6

ROTATORIA :

640	Species divers	-	-	-	-	-	-
641	Anurea aculeata	-	-	-	-	-	-
642	Anurea cochlearis	2	2	3	5	0	0
647	Brachionus angularis	3	0	0	5	5	0
648	Brachionus Bakeri	-	-	-	-	-	-
650	Brachionus pala	3	0	0	5	5	0
652	Brachionus urceolaris	-	-	-	-	-	-
657	Colurella spp.	-	-	-	-	-	-
658	Colurella bicuspidata	-	-	-	-	-	-
659	Colurella caudata	-	-	-	-	-	-
660	Colurella compressa	-	-	-	-	-	-
665	Diurella spp.	-	-	-	-	-	-
672	Monostyla spp.	-	-	-	-	-	-
681	Polyarthra spp.	-	-	-	-	-	-
682	Polyarthra platyptera	-	-	-	-	-	-
683	Polyarthra vulgaris	2	0	3	5	2	0
687	Proales spp.	-	-	-	-	-	-
690	Rattulus spp.	-	-	-	-	-	-
692	Rotifer spp.	-	-	-	-	-	-
693	Rotifer elongatus	-	-	-	-	-	-
695	Rotifer vulgaris	3	0	0	1	6	3

NEMATODA :

704	Species divers	-	-	-	-	-	-
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CLADOCERA :

711	Daphne spp.	-	-	-	-	-	-
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COPEDA :

716 Cyclops spp.	-	-	-	-	-	-
718 Nauplii	-	-	-	-	-	-

TURBELLARIA :

731 Species divers	-	-	-	-	-	-
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INSECTA :

735 Species divers	-	-	-	-	-	-
736 Chironomus spp.	-	-	-	-	-	-
738 Simuliidae spp.	1	3	3	2	2	0

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LISTE DES CARTES - LIJST VAN DE KAARTEN .

+ 1 mm	A1, B54, C107
- 37 mu	A2, B55, C108
- 2 mu	A3, B56, C109
LW550	A4, B57, C110
LW1000	A5, B58, C111
O.M.	A6, B59, C112
Tot.S	A7, B60, C113
Al_2O_3	A8, B61, C114
Fe_2O_3	A9, B62, C115
TiO_2	A10, B63, C116
CaO	A11, B64, C117
K_2O	A12, B65, C118
Crude	A13, B66, C119
pH	A14, B67, C120
EH	A15, B68, C121
K	A16, B69, C122
Susp.M.	A17, B70, C123
O_2	A18, B71, C124
BOD5	A19, B72, C125
COD	A20, B73
N amm	A21, B74, C126
NO_2^-	A22, B75, C127
NO_3^-	A23, B76, C128
N org	A24, B77, C129
N tot	A25, B78, C130
PO_4^{3-}	A26, B79, C131
P tot	A27, B80, C132
$SO_4^{=}$	A28, B81
Cl^-	A29, B82, C133
F^-	A30, B83, C134
Tot.H.	A31, B84
Phen.	A32, B85, C135
Det.	A33, B86, C136
Cyan.	A34, B87, C137
Tot.count	A35, B88, C138
Tot.Coli.	A36, B89, C139
Fec.Coli.	A37, B90, C140

Fec.strep.	A38, B91, C141
Ba	A39, B92, C142
Cd	A40, B93, C143
Co	A41, B94, C144
Cr	A42, B95, C145
Cu	A43, B96, C146
Fe	A44, B97, C147
Hg	A45, B98, C148
Mn	A46, B99, C149
Ni	A47, B100, C150
Pb	A48, B101, C151
Sn	A49, B102, C152
Sr	A50, B103, C153
V	A51, B104, C154
Zn	A52, B105, C155
Zr	A53, B106, C156

7140 CHIRPS		ATHUS			Lambert coord.: 265250 - 28400						WATER				
	Temp C	pH -	PH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BJ05 mg/l	CDD mg/l	TOC mgC/l	TIC mgC/l	
750211	16.0	7.0	344	978	70	62	6.2	3.8	1.6	-	5.8	39	6.0	-	
750527	24.0	7.1	-	1153	60	54	4.6	1.7	0.0	-	7.6	64	16.0	-	
750826	15.5	7.5	344	379	10	59	6.0	4.5	2.8	-	5.7	27	3.5	-	
MEAN	18.5	7.2	346	836	46	58	5.6	3.3	1.5	-	6.4	43	8.5	-	
DEVIA.	3.7	0.2	2	305	24	2	0.7	1.1	1.0	-	0.8	13	5.0	-	

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph/n. mcg/l	dft. mg/l	cyan. mcg/l
750211	2.28	0.02	11.80	0.00	2.28	0.17	4.20	74	46	100	38.6	23.0	15.6	0	0.48	0.0
750527	4.00	0.04	16.20	0.10	4.10	0.29	0.30	194	84	1.90	38.0	22.7	15.2	0	0.90	0.0
750826	0.30	1.10	6.90	0.71	1.01	0.36	0.92	24	10	0.15	20.4	17.5	2.9	0	0.10	10.0
MEAN	2.19	0.39	11.63	0.27	2.46	0.27	1.81	97	46	34.02	32.3	21.1	11.2	0	0.49	3.3
DEVIA.	1.26	0.48	3.16	0.29	1.09	0.07	1.60	64	24	43.99	8.0	2.4	5.6	0	0.27	4.4

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
750211	1	0	0	13	1100	0.07	210	7	2	16600	1220000	30000	10000	28000
750527	0	0	0	4	955	0.00	285	14	133	22500	3370000	120000	16000	44000
750826	4	7	0	5	250	0.00	364	0	3	0	159000	600000	22000	6000
MEAN	1	2	0	7	768	0.02	286	7	46	13033	1583000	250000	16000	26000
DEVIA.	1	3	0	3	345	0.03	51	4	58	8688	1191333	233333	4000	13333

750211 kelthane : 240 ng/l; heptachlor epoxide : 52 ng/l;

750527 Pesticides not measured

750826 Pesticides not measured

2570	LACLAIREAU		ETHE		Lambert coord.: 238800 - 32200								SEDIMENTS				
	H2C %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %		
730710	7.6	17.3	1.39	-	21.9	0.76	2.1	0.8	1.31	-	-	-	0.9	1.5	0.9		
740129	3.9	36.3	2.61	-	31.3	0.00	1.9	0.7	1.23	-	-	-	0.7	1.0	0.7		
MEAN	5.7	26.8	2.00	-	26.6	0.38	2.0	0.7	1.27	-	-	-	0.8	1.3	0.8		
DEVIA.	1.8	9.5	0.61	-	4.7	0.38	0.1	0.0	0.04	-	-	-	0.1	0.3	0.1		
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm	
730710	-	-	0.02	1.16	1.12	-	2.2	-	0.28	0.00	0	35	1	-s.	-s.	0	
740129	-	-	0.00	1.05	1.20	-	1.7	-	0.26	0.03	-	51	1	-s.	-s.	0	
MEAN	-	-	0.01	1.10	1.16	-	1.9	-	0.27	0.01	0	43	1	0	0	0	
DEVIA.	-	-	0.00	0.06	0.04	-	0.3	-	0.01	0.01	0	8	0	0	0	0	
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm	
730710	14	1	1	0	0.00	-	420	0	3	7	-s.	2	-	14	10	270	
740129	11	14	1	0	0.01	-	600	-s.	2	4	-s.	-1	-	25	30	160	
MEAN	13	8	1	0	0.00	-	510	0	3	6	0	1	-	20	20	215	
DEVIA.	2	7	0	0	0.00	-	90	0	1	2	0	1	-	6	10	55	

2570 LACLAIREAU

EPHE

Lambert coord.: 238800 - 32200

WATER

	Temp C	pH	BH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l
730710	13.0	8.0	329	422	10	103	10.4	8.1	7.7	-	5.0	4	59.5	38.5
740129	6.5	7.9	304	327	8	93	11.6	11.1	10.6	-	1.0	11	1.6	39.2
740220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	9.7	7.9	316	374	9	98	11.2	9.6	9.1	-	3.0	7	30.5	38.8
DEVIA.	3.2	0.1	12	47	1	4	0.3	1.5	1.4	-	2.0	3	28.9	0.3

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4=mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phn. mcg/l	dlt. mg/l	cyan. mcg/l
730710	0.02	0.00	3.37	0.92	0.94	0.04	0.05	14	6	0.06	16.0	16.0	0.0	0	0.00	0.0
740129	0.31	0.00	3.50	2.19	2.50	0.15	0.15	13	8	0.25	17.4	16.5	0.9	79	0.00	0.0
740220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.17	0.00	3.43	1.55	1.72	0.10	0.10	13	7	0.15	16.7	16.2	0.4	39	0.00	0.0
DEVIA.	0.14	0.00	0.07	0.64	0.78	0.05	0.05	0	1	0.10	0.7	0.3	0.4	39	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
730710	0	0	0	12	130	0.16	20	0	38	55	2900	1400	85	95
740129	3	0	-	12	52	-	21	35	10	132	5200	500	220	120
740220	-	-	-	-	-	-	-	-	-	-	1200	100	5	40
MEAN	1	0	0	12	91	0.16	20	17	24	93	3100	666	103	85
DEVIA.	1	0	0	0	39	0.00	0	17	14	38	1400	488	77	30

730710 Pesticides not measured
740129 Pesticides not detectable
740220 Pesticides not measured

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctorina; 640-702: Rotatoria; 703-739: Others.

A: PLANKTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm²

		99	136	151	178	198	220	221	225	234	240	244
730710	A	-	3	-	-	-	340	-	23	-	603	7
730730	A	3	-	3	50	7	166	-	40	-	446	10
730710 730730	B	-	-	-	12	-	325	37	46	4	1015	-
740129 740220	B	-	-	-	-	-	16	-	16	-	66	-
		248	249	250	253	254	257	258	264	265	269	274
730710	A	3	10	3	3	24	3	20	-	3	-	-
730730	A	-	20	3	-	13	-	7	-	-	-	-
730710 730730	B	-	138	8	-	4	-	8	-	-	-	4
740129 740220	B	-	-	-	-	-	-	-	6	-	2	-
		281	286	287	289	290	294	298	299	300	302	303
730710	A	27	-	17	-	37	7	7	-	125	20	137
730730	A	53	-	10	-	23	7	-	7	77	53	27
730710 730730	B	8	8	-	-	12	21	-	-	41	-	42
740129 740220	B	-	-	-	4	-	-	-	-	14	-	20
		304	307	308	309	310	318	319	323	325	336	338
730710	A	-	3	3	27	140	3	7	10	-	10	17
730730	A	7	-	-	20	17	-	3	3	-	-	3
730710 730730	B	4	-	-	8	-	-	8	-	-	-	4
740129 740220	B	-	-	2	4	-	2	2	2	2	-	-
		345	347	351	352	358	361	382	383	438	453	472
730710	A	3	3	3	23	3	13	-	-	3	3	-
730730	A	-	3	-	156	7	10	-	3	-	-	-
730710 730730	B	-	-	-	17	-	4	8	17	-	-	8
740129 740220	B	-	2	-	-	2	2	-	2	-	-	-
		490	491	503	504	516	535	607	611	631	672	731
730710	A	-	-	3	-	-	-	-	-	-	-	-
730730	A	-	-	-	-	-	-	-	-	-	-	-
730710 730730	B	4	-	-	-	8	4	4	4	4	4	4
740129 740220	B	-	2	-	2	-	-	-	-	-	-	-

		Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight mg/m2	Chlor.a mg/m2	Div. SHANNON	Saprobity					%Spec.	%Indiv.
								bo	ao	bm	am	p		
730710	A	43	1719	-	-	-	3.4	0.8	2.5	4.4	2.3	0.0	72	88
730730	A	34	1272	-	-	-	3.5	0.8	2.5	4.8	1.9	0.0	64	82
730710 730730	B	37	1865	9.5	6.0	-	2.7	1.7	3.6	3.7	0.9	0.2	64	86
740129 740220	B	21	180	40.5	39.9	0.3	3.4	1.9	2.9	4.0	1.2	0.0	76	87

2580 TON

DAMPICCUPT

Lambert coord.: 232050 - 27700

SEDIMENTS

	H2C %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec. S m2/g	LW550 %	LW1000 %	O.M. %
730710	8.2	26.4	2.17	-	25.4	3.60	14.0	8.8	5.17	-	-	-	2.8	1.2	2.9
740129	13.1	35.4	0.44	-	19.7	2.47	15.7	9.5	6.15	-	-	-	2.7	0.7	2.5
MEAN	10.6	30.9	1.30	-	22.5	3.03	14.8	9.2	5.66	-	-	-	2.8	1.0	2.7
DEVIA.	2.5	4.5	0.86	-	2.9	0.57	0.8	0.3	0.49	-	-	-	0.0	0.2	0.2

	Fe2O5 %	Cl- %	Tot. S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
730710	-	-	0.13	3.33	3.98	-	1.3	-	0.68	0.00	1	80	-s.	-s.	-s.	6
740129	-	-	0.13	2.75	3.34	-	1.3	-	0.48	0.01	-	150	1	-s.	-s.	3
MEAN	-	-	0.13	3.04	3.66	-	1.3	-	0.58	0.01	1	115	1	0	0	5
DEVIA.	-	-	0.00	0.29	0.32	-	0.0	-	0.10	0.01	0	35	0	0	0	2

	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
730710	42	7	4	-1	0.09	-	990	-s.	28	45	-s.	11	-	62	110	570
740129	18	16	2	-	0.04	-	1250	-s.	12	30	-s.	-2	-	26	120	200
MEAN	30	12	3	0	0.06	-	1120	0	20	38	0	6	-	44	115	385
DEVIA.	12	5	1	0	0.02	-	130	0	8	8	0	3	-	18	5	185

2580	TON	DAMPICOURT					Lambert coord.: 232050 - 21100					WATER				
	Temp C	pH -	pH mV	K mcS/cm	Susob.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l		
730710	17.0	7.9	333	10	0	111	10.8	7.7	6.0	-	8.1	7	60.0	37.0		
740129	6.0	7.5	301	387	20	84	10.5	9.4	7.3	-	6.0	37	1.6	35.2		
740220	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
740624	15.0	7.6	-	385	15	77	7.9	5.7	2.5	-	9.7	4	17.0	-		
MEAN	12.7	7.7	317	260	11	90	9.7	7.6	5.3	-	7.9	16	26.2	36.1		
DEVIA.	4.4	0.2	16	167	7	13	1.2	1.3	1.8	-	1.3	14	22.5	0.9		

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph n. mcg/l	d t. mg/l	cyan. mcg/l
730710	0.38	0.45	5.85	1.38	1.17	0.27	0.29	28	10	0.76	18.2	17.3	0.9	0	0.35	0.0
740129	0.11	0.07	7.00	3.29	3.40	0.02	0.07	46	12	0.20	19.6	14.5	5.1	0	0.00	0.0
740220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740624	0.43	0.28	3.97	-	-	0.38	-	96	12	-	20.4	16.3	4.1	0	0.15	0.0
MEAN	0.31	0.27	5.61	2.34	2.28	0.22	0.18	56	11	0.48	19.4	16.0	3.4	0	0.17	0.0
DEVIA.	0.13	0.13	1.09	0.95	1.11	0.14	0.11	26	0	0.28	0.8	1.0	1.6	0	0.12	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
730710	0	0	0	3	290	0.00	90	0	11	17	30000	60000	11600	1060
740129	8	0	-	5	36	-	0	0	18	115	256000	1200000	47000	30000
740220	-	-	-	-	-	-	-	-	-	-	60000	90000	24000	34000
740624	-	-	17	-	-	0.13	145	-	-	70	208000	10000	12000	20800
MEAN	4	0	8	4	163	0.06	78	0	14	67	138500	340000	23650	21465
DEVIA.	4	0	8	1	127	0.06	52	0	3	33	93500	430000	11850	10535

730710	Pesticides not measured
740129	Pesticides not detectable
740220	Pesticides not measured
740624	Pesticides not detectable

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: FLANCTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm2

		24	54	70	74	99	107	138	139	157	181	190
730710	A	-	-	-	-	-	13	-	-	20	-	46
730730	A	-	303	12	23	23	-	-	12	-	-	35
740129 740220	B	728	-	-	-	4	-	4	-	-	28	-
		202	219	220	221	234	240	244	248	249	258	264
730710	A	-	40	139	-	7	60	-	-	7	113	-
730730	A	12	187	-	-	-	47	12	-	-	70	-
740129 740220	B	-	-	52	32	-	132	20	4	-	24	12
		265	277	279	285	286	287	289	290	292	299	300
730710	A	73	-	20	-	7	7	20	273	7	60	114
730730	A	58	-	-	-	12	-	23	548	-	12	117
740129 740220	B	32	4	-	4	-	-	48	84	4	72	-
		301	302	303	306	308	309	310	314	318	326	327
730710	A	7	93	46	-	13	432	186	-	-	-	-
730730	A	-	23	35	-	-	128	210	12	-	12	-
740129 740220	B	-	84	56	304	8	32	-	-	24	-	4
		336	345	347	352	354	355	358	377	383	402	405
730710	A	60	-	66	13	-	-	60	-	27	-	20
730730	A	303	-	93	58	-	23	12	23	175	-	-
740129 740220	B	-	4	44	8	4	-	52	-	-	8	-
		407	409	422	425	442	449	466	487	491	504	516
730710	A	7	-	-	-	7	27	-	13	-	13	13
730730	A	-	315	-	23	12	-	-	-	-	-	47
740129 740220	B	-	-	24	-	4	-	4	-	4	8	-
		522	529	535	541	553	558	559	564	566	577	611
730710	A	-	-	-	-	-	13	-	-	-	-	13
730730	A	-	-	-	-	-	-	-	-	-	-	12
740129 740220	B	4	88	16	4	4	-	64	4	24	8	16

		617	692
730710	A	-	7
730730	A	-	-
740129 740220	B	16	-

		Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight mg/m2	Chlor.a mg/m2	Div. SHANNON	Saprobity					%Spec.	%Indiv.
								bo	ao	bm	am	p		
730710	A	40	2181	-	-	-	4.3	0.4	1.5	4.1	3.7	0.3	75	87
730730	A	36	3039	-	-	-	4.2	0.3	1.5	4.6	3.4	0.2	80	73
740129 740220	B	48	2235	53.3	42.6	1.0	4.0	0.5	1.0	3.4	4.5	0.7	91	99

2590 TON

HARNONCOURT

Lambert coord.: 231400 - 25550

SEDIMENTS

	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec. S m2/g	LW550 %	LW1000 %	O.M. %
730710	2.5	27.6	25.26	-	10.9	0.04	1.3	0.5	0.80	-	-	-	1.3	4.7	0.1
740129	9.8	25.4	0.06	-	26.7	0.55	6.8	0.0	6.77	-	-	-	2.0	1.0	1.7
MEAN	6.2	26.5	12.66	-	18.8	0.29	4.0	0.2	3.78	-	-	-	1.6	2.8	0.9
DEVIA.	3.6	1.1	12.60	-	7.9	0.25	2.7	0.2	2.98	-	-	-	0.3	1.9	0.8

	P2O5 %	Cl- %	Tot. S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
730710	-	-	0.04	3.34	6.25	-	6.2	-	0.50	0.01	1	55	1	-s.	-s.	4
740129	-	-	0.03	1.65	1.83	-	1.0	-	0.40	0.01	-	110	1	-	-s.	3
MEAN	-	-	0.03	2.49	4.04	-	3.6	-	0.45	0.01	1	83	1	0	0	4
DEVIA.	-	-	0.00	0.84	2.21	-	2.6	-	0.05	0.00	0	28	0	0	0	1

	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
730710	26	5	3	-1	0.15	-	2300	-2	18	28	-s.	-2	-	47	96	240
740129	17	10	2	0	0.03	-	1200	-s.	10	22	-	-1	-	29	75	150
MEAN	22	8	3	0	0.09	-	1750	0	14	25	0	0	-	38	86	195
DEVIA.	5	3	1	0	0.06	-	550	0	4	3	0	0	-	9	11	45

2590	TOM	HARNONCOURT				Lambert coord.: 231400 - 25550					WATER			
	Temp C	pH -	EH mV	K mS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
730710	24.0	7.5	343	143	30	63	5.4	1.7	0.9	-	7.2	42	117	32.5
740129	9.5	7.5	299	659	50	77	8.8	7.8	5.9	-	5.0	59	11.6	38.4
740220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
750527	10.0	7.9	-	394	15	93	10.5	9.2	7.7	-	5.0	8	2.1	-
MEAN	14.5	7.6	321	398	31	77	8.2	6.2	4.8	-	5.7	36	43.4	35.4
DEVIA.	6.3	0.2	22	173	12	10	1.9	3.0	2.6	-	1.0	19	48.7	2.9

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph(n. mcg/l	d(t. mg/l	cyan. mcg/l
730710	1.29	0.13	8.00	3.79	4.08	0.83	0.83	165	170	0.10	31.6	15.5	15.1	0	0.00	0.0
740129	0.43	0.08	5.90	4.37	4.80	0.20	0.61	81	70	0.25	22.2	16.0	6.2	59	0.04	0.0
740220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
750527	0.30	0.24	12.90	0.04	0.34	0.22	0.47	28	8	0.12	21.6	17.2	4.3	-	0.01	-
MEAN	0.67	0.15	8.93	2.73	3.07	0.42	0.64	91	82	0.16	25.1	16.2	8.5	29	0.02	0.0
DEVIA.	0.41	0.06	2.64	1.80	1.82	0.27	0.13	49	58	0.06	4.3	0.7	4.4	29	0.01	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
730710	0	0	0	17	1900	0.29	620	4	9	83	300000	600000	210000	1040
740129	6	0	-	6	1060	-	300	0	22	122	388000	100000	60000	30000
740220	-	-	-	-	-	-	-	-	-	-	350000	900000	20000	25000
750527	0	0	0	7	250	0.09	55	0	0	20	90000	400000	38000	21000
MEAN	2	0	0	10	1070	0.19	325	1	10	75	282000	503000	82000	19260
DEVIA.	2	0	0	4	553	0.10	196	1	7	36	96000	250000	64000	9110

730710 Pesticides not measured

740129 lindane : 80 ng/l; HCH delta : 12 ng/l;

740220 Pesticides not measured

750527 Pesticides not detectable

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: PLANKTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm²

		24	25	28	31	54	74	90	91	107	178	196
730710	A	-	433	200	-	-	33	-	-	33	-	1366
730730	A	-	300	-	-	-	-	-	-	-	866	633
730710 730730	B	-	-	-	-	108	-	-	-	-	-	-
740129 740220	B	128	-	1504	64	-	-	8	8	-	848	-
		202	219	220	225	240	244	248	249	258	265	287
730710	A	-	-	167	33	33	-	-	33	167	33	-
730730	A	-	-	133	-	33	67	33	-	133	-	67
730710 730730	B	-	83	-	-	808	-	-	-	17	8	-
740129 740220	B	8	-	32	-	24	-	-	-	-	-	-
		290	292	300	302	303	306	309	310	317	319	323
730710	A	133	-	100	10	-	-	267	233	-	-	33
730730	A	833	-	133	133	-	-	233	100	-	-	-
730710 730730	B	158	-	92	-	-	-	58	-	-	-	-
740129 740220	B	88	8	-	104	8	96	-	-	32	8	-
		336	347	352	355	358	377	380	383	438	472	485
730710	A	167	-	-	-	33	-	200	-	-	-	-
730730	A	133	33	33	67	-	-	-	33	-	-	-
730710 730730	B	8	-	-	-	17	17	-	58	-	75	-
740129 740220	B	-	32	-	-	32	-	-	-	8	-	8
		487	491	516	522	529	535	543	559	562	566	569
730710	A	167	-	367	-	-	-	-	-	-	-	-
730730	A	67	-	233	-	-	-	-	-	-	-	-
730710 730730	B	42	-	-	-	1108	-	-	-	-	-	-
740129 740220	B	48	8	16	8	408	16	8	104	32	56	56
		577	607	611	613	617	659	665	693	695	704	716
730710	A	33	100	33	-	-	-	-	-	-	-	-
730730	A	33	133	233	67	-	-	-	-	-	-	-
730710 730730	B	8	108	-	192	-	-	8	-	8	8	8
740129 740220	B	-	24	72	-	8	2	-	2	2	-	-

		735	736
730710	A	-	-
730730	A	-	-
730710 730730	B	-	8
740129 740220	B	8	-

		Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight mg/m2	Chlor.a mg/m2	Div. SHANNON	Saprobity					%Spec.	%Indiv.
								bo	ao	bm	am	p		
730710	A	26	4419	-	-	-	3.7	0.1	1.4	5.2	2.2	1.1	76	78
730730	A	25	4774	-	-	-	3.9	0.4	1.3	4.1	3.2	1.0	80	70
730710 730730	B	24	3016	63.5	16.7	-	2.9	0.3	0.8	2.1	6.1	0.8	58	86
740129 740220	B	38	3944	53.0	35.0	1.0	3.2	0.0	0.1	1.1	4.6	4.1	78	76

4460	TON	LAMORTEAU					Lambert coord.: 230350 - 24450					WATER				
	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l		
740624	21.0	7.3	-	1030	30	50	4.5	2.5	0.0	-	5.2	134	27.5	-		
741204	11.0	7.5	324	628	30	17	8.6	7.2	6.6	-	3.3	44	10.0	-		
750211	8.0	7.6	334	596	85	81	4.7	8.8	5.5	-	5.8	35	7.5	-		
750527	16.0	7.7	-	704	10	81	8.1	6.4	4.6	-	7.5	56	15.0	-		
750826	17.5	7.3	344	583	35	10	6.7	0.0	0.0	-	12.0	74	8.5	-		
MEAN	14.7	7.5	334	708	38	72	7.5	5.1	3.3	-	6.8	58	13.7	-		
DEVIA.	4.2	0.1	6	128	18	9	1.5	3.1	2.7	-	2.4	28	6.0	-		
	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 J- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
740624	-	0.29	2.62	-	-	0.10	-	128	152	-	29.6	15.5	17.1	0	0.17	0.0
741204	0.22	0.10	6.54	0.94	1.21	0.19	0.19	87	88	0.21	24.0	16.2	7.7	0	0.08	0.0
750211	0.43	0.16	7.90	0.07	0.50	0.17	0.35	64	60	6.60	26.0	18.8	7.2	24	0.06	0.0
750527	0.30	0.30	12.10	0.50	0.80	0.27	0.41	50	96	0.14	26.4	16.2	10.1	0	0.13	3.5
750826	2.10	0.40	4.70	0.40	2.50	0.05	0.60	90	54	0.00	23.6	15.5	8.1	0	0.01	0.0
MEAN	0.76	0.25	6.77	0.49	1.25	0.28	0.39	83	90	1.74	25.9	16.4	10.1	4	0.09	0.7
DEVIA.	0.67	0.10	2.58	0.25	0.62	0.17	0.12	21	27	2.43	1.7	0.9	2.8	7	0.05	1.1
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl		
740624	-	-	13	-	-	0.19	550	-	0	100	292000	120000	10000	6000		
741204	0	0	34	12	1000	2.32	224	7	0	50	-	-	-	-		
750211	2	5	0	2	475	0.12	200	0	0	30	156500	180000	22000	10000		
750527	0	0	1	45	520	0.18	170	7	3	22	45000	30000	10000	4000		
750826	0	0	0	4	1300	0.00	524	0	4	0	3200000	350000	16000	8000		
MEAN	0	1	9	15	823	0.56	333	3	1	40	923375	170000	14500	7000		
DEVIA.	0	1	10	14	326	0.70	162	3	1	27	1138312	95000	4500	2000		
740624	Pesticides not detectable															
741204	Pesticides not detectable															
750211	Pesticides not detectable															
750527	lindane : 162 ng/l; PCB : 250 ng/l;															
750826	Pesticides not measured															

4470 CHIEFS		TORGRY					Lambert coord.: 229400 - 22200					WATER				
	Temp C	pH -	PH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l		
740624	18.0	7.9	-	646	15	49	4.7	3.5	2.2	-	4.4	7	15.5	-		
741204	11.0	7.6	324	587	50	81	9.0	7.8	6.4	-	4.6	18	1.6	-		
750211	8.0	7.6	334	587	55	85	10.2	9.0	6.1	-	6.2	17	2.3	-		
750527	12.0	7.8	-	617	16	80	8.6	7.7	6.5	-	4.0	17	2.4	-		
750826	16.0	7.7	334	600	15	81	8.1	6.6	5.1	-	5.3	16	2.5	-		
MEAN	13.0	7.7	330	606	30	75	8.1	6.9	5.3	-	4.9	12	4.9	-		
DEVIA.	3.2	0.1	4	17	17	10	1.4	1.5	1.3	-	0.7	3	4.3	-		
	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph/n. mcg/l	d/t. mg/l	cyan. mcg/l
740624	0.19	0.55	7.87	-	-	0.22	-	44	44	-	30.0	23.0	7.0	0	0.04	0.0
741204	0.48	0.32	11.47	0.29	0.77	0.10	0.14	74	22	0.38	28.2	22.5	5.7	0	0.12	0.0
750211	0.37	0.28	17.50	0.05	0.42	0.06	0.33	84	18	6.80	30.2	24.2	5.9	0	0.10	0.0
750527	0.30	0.16	22.40	0.06	0.36	0.13	0.14	78	26	0.44	30.0	22.5	7.5	0	0.05	0.0
750826	0.06	15.30	0.10	0.58	0.64	0.24	0.27	82	26	0.32	30.4	22.5	7.9	0	0.00	0.0
MEAN	0.28	3.32	11.87	0.24	0.55	0.15	0.22	72	27	1.98	29.8	22.9	6.8	0	0.06	0.0
DEVIA.	0.12	4.79	6.47	0.19	0.16	0.06	0.08	11	6	2.41	0.6	0.5	0.8	0	0.04	0.0
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Pb mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl		
740624	-	-	8	-	-	0.03	35	-	-	240	600	4000	1000	0		
741204	0	0	41	5	765	0.18	74	0	67	952	-	-	-	-		
750211	1	0	13	7	760	0.00	100	0	0	766	77000	4000	63	6300		
750527	0	0	0	0	260	0.10	70	8	4	980	116000	6000	7000	100		
750826	0	0	0	0	150	0.00	88	0	4	140	109000	10000	400	80		
MEAN	0	0	12	3	483	0.06	73	2	18	615	75650	6000	2115	1620		
DEVIA.	0	0	11	3	278	0.06	16	3	24	340	37525	2000	2442	2340		
740624	Pesticides not detectable															
741204	Pesticides not detectable															
750211	Pesticides not detectable															
750527	Pesticides not detectable															
750826	Pesticides not measured															

70 SEMOIS

HEINSCH

Lambert coord.: 248650 - 42850

WATER

	Temp C	pH -	PH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
710913	13.5	7.5	274	-	32	14	1.5	0.0	-	-	3.5	96	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph n. mcg/l	d t. mg/l	cyan. mcg/l
710913	11.48	-	1.80	1.22	18.70	1.88	-	43	40	0.12	24.6	24.6	0.0	0	1.60	-

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
710913	-	15	-	6	205	0.94	157	0	94	46	-	500	500	-

710913 Pesticides not measured

60 SEMOIS

TINTIGNY

Lambert coord.: 232600 - 42050

WATER

	Temp C	pH -	BH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l		
710913	14.0	7.9	274	-	24	110	11.0	10.3	10.0	-	1.6	48	-	-		
	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph n. mcg/l	d t. mg/l	cyan. mcg/l
710913	0.00	-	8.40	0.83	0.83	0.53	-	21	16	0.22	14.0	12.7	1.3	0	0.00	0.0
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl		
710913	-	0	-	0	175	1.82	112	0	0	24	-	3000	900	-		

710913 Pesticides not measured

2540 RULLES

HABAY-LA-NEUVE

Lambert coord.: 233850 - 48500

SEDIMENTS

	H2O %	Cclor Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
730710	13.2	17.3	34.34	-	12.5	0.20	13.7	9.4	4.28	-	-	-	3.1	1.5	4.0	
740129	35.8	26.2	6.15	-	17.6	5.23	50.8	38.5	12.23	-	-	-	6.8	1.3	6.5	
MEAN	24.5	21.7	20.24	-	15.0	2.71	32.2	24.0	8.25	-	-	-	4.9	1.4	5.2	
DEVIA.	11.3	4.5	14.09	-	2.5	2.51	18.5	14.6	3.97	-	-	-	1.8	0.1	1.3	
	F2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
730710	-	-	0.05	10.68	3.94	-	0.0	-	1.63	0.00	-s.	136	-s.	-s.	-s.	10
740129	-	-	0.18	15.37	4.32	-	0.0	-	1.85	0.01	0	250	-s.	-s.	-s.	11
MEAN	-	-	0.11	13.02	4.13	-	0.0	-	1.74	0.01	0	193	0	0	0	11
DEVIA.	-	-	0.06	2.35	0.19	-	0.0	-	0.11	0.01	0	57	0	0	0	1
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
730710	85	8	23	-3	0.00	-s.	350	-s.	56	27	-s.	-s.	-	64	105	550
740129	79	18	13	-s.	0.03	-s.	220	0	38	14	-	-2	-	58	145	280
MEAN	82	13	18	0	0.01	0	285	0	47	21	0	0	-	61	125	415
DEVIA.	3	5	5	0	0.01	0	65	0	9	7	0	0	-	3	20	135

2540	RULLES				HABAY-LA-NEUVE				Lambert coord.: 233850 - 48500				WATER			
	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l		
730710	15.0	7.6	329	108	10	110	11.2	6.8	5.4	-	9.4	4	12.5	5.5		
740129	5.0	7.0	304	99	8	89	11.4	10.7	10.5	-	2.0	7	4.8	1.2		
740220	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MEAN	10.0	7.3	316	103	9	99	11.3	8.7	7.9	-	5.7	5	8.6	3.3		
DEVIA.	5.0	0.3	12	4	1	10	0.1	1.4	2.6	-	3.7	1	3.9	2.1		
	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
730710	0.10	0.00	0.87	1.11	1.21	0.26	6.16	3	6	0.09	1.2	1.2	0.9	0	1.00	0.0
740129	0.06	0.00	6.50	3.34	3.40	0.00	0.01	10	14	0.10	3.6	1.7	1.8	0	0.00	0.0
740220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.08	0.00	3.68	2.23	2.30	0.13	3.09	6	10	0.09	2.4	1.5	0.9	0	0.50	0.0
DEVIA.	0.02	0.00	2.81	1.11	1.10	0.13	3.07	3	4	0.01	1.2	0.3	0.9	0	0.50	0.0
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl		
730710	0	0	0	10	360	0.09	40	0	11	20	33000	4600	170	645		
740129	3	4	-	4	22	-	43	0	8	75	9700	750	120	940		
740220	-	-	-	-	-	-	-	-	-	-	1200	60	0	0		
MEAN	1	2	0	7	191	0.09	41	0	9	47	14633	1803	96	528		
DEVIA.	1	2	0	3	169	0.00	1	0	1	27	12244	1864	64	352		
730710	Pesticides not measured															
740129	Pesticides not detectable															
740220	Pesticides not measured															

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: PLANKTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm²

			157	200	220	221	237	240	244	249	258	264	274
730710	A	-	-	-	125	4	-	108	-	-	25	8	4
730730	A	-	-	-	225	17	8	217	17	83	42	8	25
730710 730730	B	8	8	966	-	-	25	2174	-	67	83	33	50

			276	278	280	281	284	285	287	290	292	300	302
730710	A	-	-	-	42	100	-	-	-	8	-	50	8
730730	A	-	-	-	58	-	-	-	-	17	-	17	125
730710 730730	B	17	8	-	-	-	75	8	67	25	8	42	358

			305	306	307	309	310	325	326	347	348	350	351
730710	A	-	-	-	8	-	-	-	-	-	-	-	-
730730	A	-	-	-	67	75	17	-	-	-	-	-	-
730710 730730	B	58	33	-	-	33	17	17	8	8	17	25	133

			352	355	357	358	359	360	372	377	383	396	397
730710	A	17	83	8	-	-	-	-	42	-	4	-	-
730730	A	25	75	17	8	-	8	8	-	8	8	8	-
730710 730730	B	-	-	-	33	8	-	-	-	-	-	8	16

			412	426	449	453	485	487	516	541	566	577	613
730710	A	4	-	-	-	-	-	8	-	-	-	-	-
730730	A	-	-	8	-	-	-	25	-	-	-	-	-
730710 730730	B	-	8	-	8	0	42	17	8	8	8	17	67

			736	738
730710	A	-	-	-
730730	A	-	-	-
730710 730730	B	0	8	-

		Number Species	Number Indiv.	Dry-Asfree mg/17cm ²	Weight	Chlor.a mg/m ²	Div. SHANNON	Saprobity					%Spec.	%Indiv.
								bo	ao	bm	am	p		
730710	A	19	665	-	-	-	3.5	3.0	3.3	2.6	0.8	0.2	68	68
730730	A	27	1221	-	-	-	3.9	1.5	2.2	3.0	3.1	0.2	74	86
730710 730730	B	45	4641	57.0	38.5	0.9	3.0	1.4	2.6	3.4	2.4	0.1	71	91

2550	RULLES		RULLES		Lambert coord.: 236000 - 45800								SEDIMENTS				
	H2O %	Cclor Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %		
730710	36.4	15.3	2.88	-	21.4	0.05	62.8	47.9	14.90	-	-	-	12.4	2.4	13.9		
740129	46.5	15.2	21.59	-	10.5	11.90	49.9	41.0	8.95	-	-	-	12.8	1.0	12.8		
MEAN	41.5	15.2	12.23	-	16.0	5.97	56.4	44.4	11.92	-	-	-	12.6	1.7	13.3		
DEVIA.	5.1	0.0	9.35	-	5.5	5.92	6.4	3.5	2.97	-	-	-	0.2	0.7	0.6		
	F2C5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm	
730710	-	-	0.21	10.63	5.12	-	0.7	-	1.80	0.26	0	150	-s.	35	-s.	17	
740129	-	-	0.77	15.39	6.13	-	0.5	-	1.76	0.15	0	260	-s.	-s.	-s.	18	
MEAN	-	-	0.49	13.01	5.62	-	0.6	-	1.78	0.20	0	205	0	18	0	18	
DEVIA.	-	-	0.28	2.38	0.50	-	0.1	-	0.02	0.06	0	55	0	9	0	1	
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm	
730710	125	70	29	-4	0.04	-s.	980	-s.	110	200	-s.	15	-	150	223	740	
740129	83	51	11	-s.	0.15	-	620	0	75	42	-	3	-	87	260	340	
MEAN	104	61	20	0	0.09	0	800	0	93	121	0	9	-	119	242	540	
DEVIA.	21	10	9	0	0.05	0	180	0	18	79	0	6	-	32	19	200	

2550	ROLLES		ROLLES			Lambert coord.: 236000 - 45800					WATER				
	Temp C	pH -	EH mV	K mcs/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	RIC mgC/l	
730710	19.0	7.3	333	153	10	110	10.3	4.4	1.4	-	9.9	11	23.5	9.5	
740129	5.0	7.0	313	106	8	88	11.3	10.8	9.7	-	3.0	4	4.8	3.2	
740220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MEAN	12.0	7.1	323	129	9	98	10.8	7.6	5.5	-	6.4	7	14.1	6.3	
DEVIA.	7.0	0.1	10	23	1	10	0.5	3.2	4.1	-	3.4	3	9.3	3.1	

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
730710	0.12	0.06	2.55	1.75	1.87	0.16	0.22	8	8	0.11	3.6	3.6	0.0	0	1.00	0.0
740129	0.13	0.01	8.80	2.07	2.20	0.02	0.02	9	12	0.08	4.2	2.5	1.7	19	0.00	0.0
740220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.13	0.03	5.67	1.91	2.03	0.09	0.12	8	10	0.09	3.9	3.0	0.8	9	0.50	0.0
DEVIA.	0.00	0.02	3.13	0.16	0.16	0.07	0.10	0	2	0.01	0.3	0.5	0.8	9	0.50	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./fl
730710	0	0	0	9	680	0.15	110	0	15	25	47000	35000	9000	280
740129	5	0	-	5	55	-	200	0	36	55	25250	10000	5000	6200
740220	-	-	-	-	-	-	-	-	-	-	5750	11000	3600	4000
MEAN	2	0	0	1	367	0.15	155	0	25	40	26000	18666	5866	3493
DEVIA.	2	0	0	2	312	0.00	45	0	10	15	14000	10888	2088	2142

730710 Pesticides not measured
740129 Pesticides not detectable
740220 Pesticides not measured

2550 RULLES

RULLES

Lambert coord.: 236000 - 45800

HYDROBIOLOGY

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: PLANKTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm²

		24	59	66	74	90	102	107	112	116	123	126
730710	A	-	-	-	-	-	-	50	17	50	17	-
730730	A	-	-	-	17	-	-	33	-	17	-	17
730710 730730	B	-	133	8	-	-	8	-	-	-	-	-
740129 740220	B	92	-	-	8	4	-	-	-	-	-	-
		131	136	138	139	157	162	177	178	183	196	219
730710	A	-	17	-	-	200	150	-	918	-	-	50
730730	A	33	-	17	17	-	83	-	1217	-	-	150
730710 730730	B	-	-	-	-	8	-	25	158	-	25	75
740129 740220	B	-	-	-	4	-	-	-	-	8	-	-
		220	221	225	237	240	244	248	249	254	258	264
730710	A	50	-	17	83	33	-	-	-	-	300	-
730730	A	100	-	33	17	50	-	17	59	33	250	-
730710 730730	B	-	-	-	-	50	-	-	-	-	42	-
740129 740220	B	132	48	-	8	12	12	-	-	-	112	28
		274	278	283	285	286	287	288	290	298	299	300
730710	A	-	-	-	-	50	-	-	383	-	-	250
730730	A	-	-	-	17	-	-	-	300	67	17	17
730710 730730	B	-	-	-	-	33	-	-	6631	-	-	17
740129 740220	B	4	16	12	-	8	4	8	240	16	92	18
		302	305	306	307	309	310	311	321	325	331	338
730710	A	483	-	433	-	83	100	-	-	-	-	17
730730	A	1084	-	200	150	133	150	-	-	33	17	-
730710 730730	B	158	-	8	-	150	8	-	-	-	-	-
740129 740220	B	292	28	904	-	32	-	24	4	40	4	-
		339	341	345	347	350	351	352	354	355	358	359
730710	A	-	200	-	-	-	-	17	-	200	33	-
730730	A	17	133	-	-	17	-	33	67	450	-	-
730710 730730	B	-	-	-	-	-	-	-	-	-	-	-
740129 740220	B	-	-	4	12	-	68	-	-	28	32	8

			363	377	380	381	382	383	395	396	402	404	409
730710	A	-	-	1849	17	-	-	483	-	17	167	-	10146
730730	A	-	-	350	-	-	-	1717	83	17	50	17	2034
730710 730730	B	-	-	-	-	-	3765	58	-	-	-	-	-
740129 740220	B	32	-	-	-	8	-	8	-	-	4	-	-

			415	426	430	431	434	436	437	441	444	445	448
730710	A	1666	-	-	-	-	133	733	33	33	17	17	-
730730	A	183	-	17	17	-	67	183	17	-	-	-	17
730710 730730	B	-	-	-	8	8	-	-	-	-	17	-	-
740129 740220	B	-	-	-	-	-	-	-	-	-	-	-	-

			449	461	466	472	485	487	490	491	516	522	534
730710	A	633	-	83	550	-	-	-	-	-	83	-	-
730730	A	283	-	-	33	-	-	-	17	-	100	-	-
730710 730730	B	33	-	-	-	2765	17	58	-	-	42	8	-
740129 740220	B	-	-	-	-	-	-	-	-	4	8	-	4

			535	541	544	553	559	564	577	590	596	607	611
730710	A	-	-	-	-	-	-	-	-	-	-	-	-
730730	A	-	-	17	17	-	-	-	-	-	-	17	17
730710 730730	B	17	-	-	-	4	4	-	4	-	4	33	-
740129 740220	B	-	-	-	-	-	4	2	-	2	-	-	-

			613	640	657
730710	A	-	-	-	-
730730	A	-	-	-	-
730710 730730	B	4	4	-	-
740129 740220	B	-	-	-	2

		Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight mg/17cm2	Chlor.a mg/m2	Div. SHANNON	Saprobity					%Spec.	%Indiv.
								bo	ao	bm	am	p		
730710	A	45	20882	-	-	-	3.2	0.1	0.9	6.7	2.3	0.0	75	89
730730	A	58	10360	-	-	-	4.2	0.7	1.0	4.8	3.4	0.1	81	67
730710 730730	B	36	14407	40.0	32.0	2.7	2.1	0.4	3.3	4.4	1.8	0.1	66	69
740129 740220	B	47	2467	61.6	38.2	2.2	3.7	0.8	0.9	3.1	5.2	0.0	78	93

2560	RULLES		TINTIGNY					Lambert coord.: 233400 - 42950					SEDIMENTS					
	H2C %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %			
730710	10.7	27.4	58.68	-	5.7	0.40	9.9	7.8	2.06	-	-	-	3.3	2.0	3.3			
740129	29.3	26.2	6.08	-	31.3	7.25	34.6	25.2	9.32	-	-	-	6.1	0.7	6.1			
MEAN	20.0	26.8	32.38	-	18.5	3.82	22.2	16.5	5.69	-	-	-	4.7	1.4	4.7			
DEVIA.	9.3	0.6	26.30	-	12.8	3.42	12.3	8.7	3.63	-	-	-	1.4	0.6	1.4			
	P2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm		
730710	-	-	0.04	10.49	6.17	-	0.1	-	1.64	0.02	0	135	-s.	-s.	-s.	17		
740129	-	-	0.26	11.00	4.31	-	0.3	-	1.55	0.11	0	180	-	-s.	-s.	9		
MEAN	-	-	0.15	10.74	5.24	-	0.2	-	1.59	0.07	0	158	0	0	0	13		
DEVIA.	-	-	0.11	0.26	0.93	-	0.1	-	0.05	0.05	0	23	0	0	0	4		
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm		
730710	81	28	-	-4	0.00	-	1560	-	102	47	-s.	-s.	-	120	139	620		
740129	72	24	8	-	0.06	-s.	280	0	42	15	-	-2	-	82	136	250		
MEAN	77	26	8	0	0.03	0	920	0	72	31	0	0	-	101	138	435		
DEVIA.	5	2	0	0	0.02	0	640	0	30	16	0	0	-	19	2	185		

2560	PULLPS	PINTIGNY									Lambert coord.: 233400 - 42450					WATER				
	Temp C	pH -	PH mV	K mCS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l						
730710	22.0	7.3	335	164	10	117	10.3	6.8	5.5	-	7.9	14	27.0	10.0						
740129	5.0	7.0	312	107	8	89	11.4	10.8	10.2	-	2.0	11	5.2	3.6						
740220	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
MEAN	13.5	7.1	323	135	9	103	10.8	8.8	7.8	-	4.9	12	16.1	6.8						
DEVIA.	8.5	0.1	11	28	1	14	0.6	2.0	2.3	-	2.9	1	10.9	3.2						
	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l				
730710	0.07	0.06	2.40	1.41	1.48	0.13	0.16	8	10	0.07	4.2	4.2	0.0	0	0.00	0.0				
740129	0.04	0.01	8.60	1.16	1.20	0.02	0.02	10	12	0.08	4.8	2.7	2.0	29	0.00	0.0				
740220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MEAN	0.06	0.04	5.50	1.28	1.34	0.07	0.09	9	11	0.08	4.5	3.5	1.0	14	0.00	0.0				
DEVIA.	0.02	0.02	3.10	0.12	0.14	0.06	0.07	0	1	0.00	0.3	0.7	1.0	14	0.00	0.0				
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl						
730710	0	0	0	6	560	0.15	60	0	8	10	18500	23400	6200	120						
740129	6	0	-	7	77	-	43	0	22	85	2400000	9000	3800	-						
740220	-	-	-	-	-	-	-	-	-	-	5000	16000	5400	3400						
MEAN	3	0	0	6	318	0.15	51	0	15	47	807833	16133	5133	1760						
DEVIA.	3	0	0	0	241	0.00	8	0	7	37	1061444	4844	888	1640						

730710 Pesticides not measured
740129 lindane : 35 ng/l;
740220 Pesticides not measured

2560 RULLES

TINTIGNY

Lambert coord.: 233400 - 42950

HYDROBIOLOGY

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: PLANKTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm²

		21	28	89	116	131	136	139	157	162	178	181
730710	A	-	-	-	-	-	17	83	17	50	-	-
730730	A	-	-	17	17	-	-	50	-	183	117	-
730710 730730	B	8	96	-	-	4	-	-	-	-	4	8
		183	195	200	202	219	220	225	240	244	249	258
730710	A	1933	-	-	-	-	233	-	67	100	33	217
730730	A	133	50	-	17	83	-	17	17	-	-	150
730710 730730	B	8	-	4	4	12	21	-	4	-	-	33
		264	290	298	299	300	301	302	306	309	310	318
730710	A	-	767	33	-	133	-	267	200	433	600	-
730730	A	17	367	67	33	50	17	283	100	133	100	33
730710 730730	B	-	33	12	-	8	-	37	25	50	8	-
		331	339	341	347	351	354	358	377	382	383	395
730710	A	-	17	-	-	-	117	17	1067	-	533	17
730730	A	-	17	250	-	17	-	-	183	17	433	-
730710 730730	B	8	-	-	4	-	12	-	4	-	8	-
		396	402	409	412	415	419	430	431	436	437	441
730710	A	-	-	9063	-	1800	33	-	67	933	83	100
730730	A	17	183	767	17	583	-	17	-	50	-	-
730710 730730	B	-	-	-	-	-	-	-	-	4	-	-
		445	449	461	466	487	502	516	522	529	553	558
730710	A	50	533	50	433	-	17	-	-	-	-	-
730730	A	-	117	150	50	-	-	17	-	-	-	-
730710 730730	B	-	37	4	4	29	-	29	4	29	12	75
		559	563	564	566	607	611	630	692	704		
730710	A	17	-	-	-	-	-	-	-	-	-	-
730730	A	-	-	-	-	17	17	-	-	-	-	-
730710 730730	B	-	4	4	4	21	8	8	4	4		

		Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight -	Chlor.a mg/m2	Div. SHANNON	Saprobity					%Spec.	%Indiv.
								bo	ao	bm	am	p		
730710	A	37	20148	-	-	-	3.2	0.0	1.4	6.6	2.0	0.0	75	95
730730	A	42	4990	-	-	-	4.5	0.1	0.8	6.1	2.8	0.1	76	80
730710 730730	B	42	719	-	-	-	4.7	0.1	0.5	2.4	3.4	3.6	80	88

50 VIERKE

JAMOIGNE

Lambert coord.: 225750 - 43700

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	RIC mgC/l		
710913	13.5	-	274	-	16	109	11.0	10.9	10.7	-	0.5	11	-	-		
	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
710913	0.00	-	0.00	0.45	0.45	0.04	-	13	14	0.11	4.6	4.5	0.1	0	0.00	0.0
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl		
710913	-	0	-	9	115	0.47	38	0	43	54	-	800	200	-		

710913 Pesticides not measured

40 SEMOIS

JANCOIGNE

Lambert coord.: 225400 - 43300

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.H mg/l	O ₂ %	O ₂ mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD ₅ mg/l	COD mg/l	TOC mgC/l	PIC mgC/l
710913	13.5	8.2	264	-	8	115	11.6	10.8	10.5	-	1.8	18	-	-

	N amm. mgN/l	NO ₂ - mg/l	NO ₃ - mg/l	N org. mgN/l	N tot. mgN/l	PO ₄ 3- mgP/l	P tot. mgP/l	SO ₄ = mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	N.C.H. F	phln. mcg/l	dlt. mg/l	cyan. mcg/l
710913	0.00	-	6.00	0.56	0.56	0.33	-	20	16	0.25	13.6	12.7	0.8	0	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
710913	-	0	-	0	190	1.20	21	0	9	13	-	26000	4400	-

710913 Pesticides not measured

30 SEMOIS

CHASSEPIERRE

Lambert coord.: 214500 - 44550

WATER

	Temp C	pH -	EH mV	K mCS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l		
710913	14.5	8.5	259	-	20	118	11.6	10.4	10.2	-	2.0	26	-	-		
	N amm. mg N/l	NO2- mg/l	NO3- mg/l	N org. mg N/l	N tot. mg N/l	PO4 3- mg P/l	P tot. mg P/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph n. mcg/l	d t. mg/l	cyan. mcg/l
710913	0.00	-	3.60	0.78	0.78	0.17	-	14	14	0.20	7.6	7.6	0.0	0	0.00	28.0
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl		
710913	-	0	-	0	50	0.49	26	0	0	33	-	400	0	-		

710913 Pesticides not measured

20 SEPT 015

BOUTILLON

Lambert coord.: 200150 - 53900

WATER

	Temp C	pH -	pH mV	K mcS/cm	Susp.M mg/l	OT %	OT mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	CON mg/l	TOC mgC/l	DOC mgC/l
710913	15.0	8.7	254	-	12	101	9.9	9.1	1.4	-	4.6	22	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlr. mg/l	cyan. mcg/l
710913	0.00	-	2.40	0.78	0.78	0.17	-	16	14	0.20	9.0	3.3	0.3	0	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
710913	-	0	-	0	75	1.01	23	0	16	33	-	21000	2000	-

710913 Pesticides not measured

WATER

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	d/t. mg/l	cyan. mcg/l
120802	0.00	0.00	1.48	1.40	1.40	0.17	0.26	24	10	0.16	-	-	-	4	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
120802	5	-	2	5	140	0.27	51	0	1	63	-	-	-	-

120802 Pesticides not measured

1320	REBAIS	ALLE		Lambert coord.: 190625 - 59900							WATER				
	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l	
720802	12.5	7.4	268	-	-	97	10.0	9.6	9.6	-	0.6	4	-	-	

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph n. mcg/l	d t. mg/l	cyan. mcg/l
720802	0.00	0.00	0.68	1.40	1.40	0.03	0.07	21	8	0.11	-	-	-	3	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720802	6	-	0	7	105	0.11	17	0	3	132	-	-	-	-

720802 Pesticides not measured

1330 SPNOIS

VPESSE(AV.REBAIS)

Lambert coord.: 190500 - 60800

WATER

	Temp C	pH	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
120802	16.5	7.4	295	-	-	98	9.3	8.9	8.3	-	1.8	8	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H P	N.C.H. P	ph/n. mcg/l	d/t. mg/l	Cyan. mcg/l
120802	0.00	0.00	1.62	1.12	1.12	0.11	0.17	37	12	0.20	-	-	-	0	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
120802	6	-	0	16	140	0.20	61	0	2	167	-	-	-	-

120802 Pesticides not measured

1340 SENOIS

VRESSE (AMCMT RUIS. Lambert coord.: 190575 - 62250

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720802	15.0	7.2	295	-	-	94	9.2	8.9	7.0	-	4.0	4	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	N.C.H. F	phln. mcg/l	dlt. mg/l	cyan. mcg/l
720802	0.00	0.00	1.21	1.12	1.12	0.15	0.15	33	14	0.22	-	-	-	0	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
720802	7	-	1	14	150	0.49	46	0	4	80	-	-	-	-

720802 Pesticides not measured

1350 RUISSEAU DE VRESSE VRESSE

Lambert coord.: 190725 - 62500

WATER

	Temp C	pH -	EH mV	K mCS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
120802	12.5	7.2	291	-	-	105	10.8	9.5	9.4	-	2.2	4	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	N.C.H. F	phln. mcg/l	dlt. mg/l	cyan. mcg/l
120802	0.00	0.00	4.41	1.23	1.23	0.04	0.09	67	8	0.06	-	-	-	0	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
720802	5	-	1	12	295	0.40	213	0	1	20	-	-	-	-

120802 Pesticides not measured

1360 SPMOIS

VRASSE (AVAL RUIS.) Lambert coord.: 190400 - 62250

WATER

	Temp C	pH -	EH mV	K mS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720802	12.5	7.1	300	-	-	97	10.0	9.3	8.8	-	2.1	4	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph/n. mcg/l	d/t. mg/l	cyan. mcg/l
720802	0.00	0.00	0.37	0.84	0.84	0.07	0.13	43	8	0.10	-	-	-	0	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Pb mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
720802	4	-	0	19	170	1.79	106	0	1	303	-	-	-	-

720802 Pesticides not measured

1370	MEMBRETTE		VRESSE (MEMBRE)			Lambert coord.: 188350 - 61450					WATER			
	Temp C	pH	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720802	11.5	7.1	305	-	-	94	10.0	9.6	8.8	-	2.2	4	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph n. mcg/l	d t. mg/l	cyan. mcg/l
720802	0.00	0.00	0.66	1.40	1.40	0.04	0.08	32	10	0.28	-	-	-	0	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
720802	4	-	0	5	295	1.47	138	0	1	130	-	-	-	-

720802 Pesticides not measured

1380 SENOIS

VRESSE (MEMBRE)

Lambert coord.: 188025 - 61675

WATER

	Temp C	pH -	pH mV	K mS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l
720802	14.5	7.2	303	-	-	93	9.2	8.9	7.4	-	3.5	8	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	Cyan. mcg/l
720802	0.00	0.00	1.55	0.84	0.84	0.13	0.14	49	10	0.15	-	-	-	12	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
720802	5	-	0	7	830	0.30	108	0	1	262	-	-	-	-

720802 Pesticides not measured

10 SEMOIS		BOHAN				Lambert coord.: 18/075 - 61550					WATER				
	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l	
710913	15.0	8.7	239	-	40	87	8.5	6.7	6.7	-	2.0	18	-	-	
740624	20.0	7.6	-	257	20	98	9.1	5.2	0.2	-	16.8	18	12.0	-	
750226	4.0	7.3	234	152	45	46	12.7	12.5	9.6	-	6.0	8	1.5	-	
750623	19.0	7.7	394	189	40	105	9.9	8.6	6.7	-	5.8	18	6.7	-	
MEAN	14.5	7.8	289	199	36	96	10.0	8.2	5.8	-	7.6	15	6.7	-	
DEVIATION	5.2	0.4	70	38	8	5	1.3	2.3	2.8	-	4.5	3	3.5	-	

	N ammonia mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
710913	0.00	-	1.56	0.73	0.73	0.25	-	30	8	0.28	7.6	7.6	0.0	0	0.00	0.0
740624	0.05	0.04	0.77	-	-	0.24	-	16	10	-	7.4	6.3	1.1	0	0.16	41.0
750226	0.13	0.06	6.50	1.07	1.20	0.08	0.08	12	10	0.70	6.0	5.0	1.0	29	0.00	0.0
750623	0.08	0.03	3.10	0.10	0.18	0.04	0.04	6	10	0.00	3.8	2.5	1.8	0	0.08	0.0
MEAN	0.06	0.04	2.98	0.63	0.70	0.18	0.08	16	9	0.33	6.2	5.3	1.0	7	0.06	10.2
DEVIATION	0.04	0.01	1.82	0.36	0.35	0.09	0.00	7	0	0.25	1.3	1.6	0.5	11	0.06	15.4

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
710913	-	0	-	3	100	1.07	22	0	26	30	-	50000	49000	-
740624	-	-	13	-	-	0.24	45	-	-	70	2400	6000	1000	1200
750226	0	0	4	5	110	0.20	0	0	0	0	4900	2000	100	210
750623	0	0	0	9	140	0.12	150	11	1	70	12400	10000	1000	650
MEAN	0	0	5	5	116	0.41	66	3	9	42	6566	17000	12775	690
DEVIATION	0	0	4	2	15	0.33	55	4	11	27	3888	16500	18112	340

710913	Pesticides not measured
740624	Pesticides not detectable
750226	Pesticides not detectable
750623	Pesticides not detectable

4280 VIROIN

MAZEE

Lambert coord.: 173050 - 86950

WATER

	Temp C	pH -	PH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
740610	12.0	7.7	-	408	4	85	9.2	9.1	9.0	-	0.3	11	11.5	-
750226	5.0	7.9	329	269	35	96	12.3	12.0	11.2	-	4.0	8	1.6	-
750623	15.0	7.9	404	364	15	84	8.6	7.4	7.3	-	2.0	1	3.8	-
MEAN	10.7	7.8	366	347	18	88	10.0	9.5	9.2	-	2.1	8	5.6	-
DEVIA.	3.8	0.1	37	52	11	5	1.5	1.7	1.4	-	1.3	1	3.9	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
740610	0.05	-	1.92	2.05	2.10	0.22	0.22	22	16	0.00	20.6	17.0	3.4	0	0.00	0.0
750226	0.04	0.06	5.30	2.40	2.50	0.08	0.14	18	14	0.70	13.0	11.0	2.0	29	0.00	0.0
750623	0.09	2.20	8.20	1.11	1.20	0.04	0.05	20	16	0.00	18.0	15.2	2.7	7	0.03	0.0
MEAN	0.06	1.13	5.14	1.85	1.93	0.11	0.14	20	15	0.23	17.2	14.4	2.7	12	0.01	0.0
DEVIA.	0.02	1.07	2.15	0.50	0.49	0.07	0.06	1	0	0.31	2.8	2.3	0.5	11	0.02	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Mg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
740610	0	0	10	0	270	0.00	55	16	22	175	4150	140000	1500	100
750226	0	0	1	5	115	0.00	20	7	0	0	3750	6400	200	760
750623	0	0	2	0	140	0.00	85	5	0	12	26000	10000	2000	940
MEAN	0	0	4	1	175	0.00	53	9	7	62	11300	52133	1233	600
DEVIA.	0	0	3	2	63	0.00	22	4	4	75	9800	58577	688	333

740610 Pesticides not detectable
 750226 Pesticides not detectable
 750623 Pesticides not detectable

4270 MOUILLE

FELENNE

Lambert coord.: 184050 - 81400

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l
740610	11.0	7.2	-	88	12	103	11.4	10.2	8.3	-	5.6	4	15.0	-
750226	3.0	7.4	324	92	35	94	12.7	12.5	9.8	-	5.4	4	0.8	-
750623	15.0	7.7	394	87	10	93	9.5	8.6	8.2	-	1.7	1	3.4	-
MEAN	9.7	7.4	359	89	19	96	11.2	10.4	8.8	-	4.2	5	6.4	-
DEVIA.	4.4	0.2	35	2	10	4	1.1	1.4	0.7	-	1.7	1	5.7	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph/n. mcg/l	d/t. mg/l	cyan. mcg/l
740610	0.05	-	0.90	4.05	4.10	0.13	0.13	14	8	0.00	3.8	2.5	1.3	0	0.00	0.0
750226	0.15	0.08	5.60	2.15	2.30	0.02	0.03	10	10	0.63	3.2	1.7	1.4	59	0.00	0.0
750623	0.08	0.02	5.80	1.12	1.20	0.04	0.05	6	10	0.00	8.2	7.5	0.7	0	0.00	0.0
MEAN	0.09	0.05	4.10	2.44	2.53	0.06	0.07	10	9	0.21	5.1	3.9	1.1	19	0.00	0.0
DEVIA.	0.04	0.03	2.13	1.07	1.04	0.04	0.04	2	0	0.28	2.1	2.4	0.3	26	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
740610	0	0	11	8	300	0.15	40	6	13	85	7450	140000	1300	350
750226	0	0	0	13	50	0.00	30	10	0	0	2950	200	200	230
750623	1	0	0	0	220	0.00	15	4	3	97	15000	25000	500	2720
MEAN	0	0	3	7	190	0.05	48	6	5	60	8466	55066	666	1100
DEVIA.	0	0	4	4	93	0.07	17	2	5	40	4355	56622	422	1080

740610 Pesticides not detectable

750226 Pesticides not detectable

750623 dieldrin : H ng/l;

100	MEUSE	HEER		Lambert coord.: 182550 ~ 95450								SEDIMENTS					
	H2C %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %		
720426	27.7	-	-	42.4	13.6	7.89	36.2	1.5	34.71	-	-	-	8.8	7.1	6.1		
730406	37.1	26.2	24.67	-	18.2	10.23	17.6	14.6	2.96	-	-	41.7	8.2	9.2	8.9		
730717	18.8	27.2	19.97	-	16.2	0.00	41.0	34.6	6.36	-	-	-	5.2	4.3	7.1		
730926	9.1	15.3	11.67	-	13.6	0.00	45.6	42.3	3.29	-	-	-	8.8	7.3	8.0		
MEAN	23.2	22.9	18.77	42.4	15.4	4.53	35.1	23.2	11.83	-	-	41.7	7.8	7.0	7.5		
DEVIA.	9.2	5.1	4.73	0.0	1.8	4.53	8.8	15.2	11.44	-	-	0.0	1.3	1.3	1.0		
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm	
720426	-	0.00	0.14	8.74	4.00	0.64	7.8	0.71	1.50	-	0	170	-s.	-9	-s.	9	
730406	-	0.00	0.28	8.50	4.20	0.53	9.7	-	1.30	0.18	1	-	-s.	-s.	-s.	19	
730717	-	-	3.98	10.07	3.46	-	12.2	-	1.63	0.04	3	96	-	13	-s.	5	
730926	-	-	0.59	10.25	4.30	-	10.7	-	1.74	0.19	1	120	-s.	-3	-s.	20	
MEAN	-	0.00	1.25	9.39	3.99	0.58	10.1	0.71	1.54	0.13	1	129	0	3	0	13	
DEVIA.	-	0.00	1.37	0.77	0.27	0.06	1.4	0.00	0.14	0.06	1	28	0	2	0	6	
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm	
720426	64	96	4	1	0.27	-	600	-1	39	74	-s.	18	30	52	500	260	
730406	80	180	4	-s.	0.27	-s.	1600	-6	58	85	-s.	15	-s.	71	1000	320	
730717	57	30	8	-3	0.30	-	940	-3	18	130	-s.	9	-	49	198	100	
730926	135	190	6	-3	0.52	-	1310	0	70	70	-s.	15	-	60	1110	330	
MEAN	84	124	6	0	0.34	0	1113	0	46	90	0	14	15	58	702	253	
DEVIA.	26	61	2	0	0.09	0	343	0	18	20	0	3	8	8	353	76	

100 HEUSE		HEER					Lambert coord.: 182550 - 95450					WATER				
	Temp C	pH -	EH mV	K mcS/cm	Susp.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l		
710913	21.2	8.4	274	-	56	94	8.2	-	5.0	-	4.4	25	-	-		
720426	10.0	7.9	322	-	10	99	10.9	8.8	5.8	-	5.1	15	-	-		
730406	10.0	-	300	476	920	105	11.9	9.6	8.1	-	7.5	12	-	-		
730717	23.5	8.3	321	570	10	102	8.8	8.6	7.5	-	2.5	9	71.5	38.5		
730926	20.0	7.6	-	473	10	97	9.0	8.0	7.5	-	2.5	16	-	-		
740610	20.5	7.9	-	451	16	100	9.1	9.1	6.6	-	5.0	15	11.5	-		
741112	7.0	7.7	-	336	70	103	12.5	11.0	10.0	-	4.2	11	-	-		
750210	3.5	7.7	334	386	75	98	13.1	11.5	7.3	-	10.8	7	2.6	-		
750401	5.5	7.5	364	309	20	98	12.5	10.7	9.0	-	6.1	11	3.0	-		
750603	-	8.2	394	440	10	-	8.1	7.4	-	-	-	19	3.2	-		
750805	27.0	7.9	449	470	10	101	8.2	5.7	4.4	-	6.5	25	4.4	-		
MEAN	14.8	7.9	351	434	109	100	10.2	9.0	7.1	-	5.5	14	16.0	38.5		
DEVIA.	8.5	0.3	70	79	269	2	2.0	1.8	1.7	-	2.5	6	27.4	0.0		

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
710913	0.00	-	1.80	2.00	2.00	0.01	-	15	18	0.10	17.8	16.5	1.3	0	0.00	0.0
720426	0.00	-	6.24	2.46	2.46	0.09	0.13	36	14	0.36	18.6	15.0	3.6	9	0.00	-
730406	0.05	0.06	6.93	2.71	2.76	0.11	0.11	38	-	-	20.0	17.0	3.0	0	0.00	0.0
730717	0.05	0.03	2.80	1.71	1.76	0.14	0.19	38	18	0.06	18.6	17.5	1.1	0	0.35	0.0
730926	0.06	0.01	1.29	4.54	4.60	0.13	0.13	44	20	0.45	20.6	20.6	0.3	0	0.00	0.0
740610	0.00	-	1.05	3.40	3.40	0.05	0.13	42	20	0.22	20.6	17.2	3.3	0	0.08	0.0
741112	0.04	-	-	-	-	-	0.35	-	14	-	18.0	14.2	3.8	0	0.11	-
750210	0.14	0.03	9.60	0.36	0.50	0.03	1.05	28	12	1.20	21.0	15.7	4.2	0	0.00	0.0
750401	0.16	0.04	8.60	2.04	2.20	0.12	0.12	30	10	-	14.6	11.2	3.3	140	0.00	0.0
750603	0.11	0.03	7.90	0.55	0.66	0.02	0.14	36	20	0.16	20.4	17.7	2.6	0	0.02	0.0
750805	0.17	1.10	5.00	1.00	1.17	3.60	3.60	36	28	0.20	23.0	18.0	5.0	29	0.03	0.0
MEAN	0.07	0.19	5.12	2.08	2.15	0.43	0.59	34	17	0.34	19.4	16.5	2.8	16	0.05	0.0
DEVIA.	0.06	0.40	3.20	1.29	1.25	1.11	1.09	8	5	0.37	2.2	2.4	1.5	42	0.10	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl		
710913	-	0	-	8	55	0.14	112	0	24	54	-	-	-	-		
720426	5	3	2	13	112	0.10	34	25	7	170	962	800	162	212		
730406	0	0	0	9	360	-	117	0	13	165	43500	4000	500	14000		
730717	0	0	0	9	150	0.32	40	0	4	50	5000	5500	1200	2100		
730926	-	-	-	-	-	-	79	-	-	102	5000	3600	700	200		
740610	1	0	17	0	420	0.00	92	12	0	237	1000	100000	1000	400		
741112	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
750210	1	0	0	0	330	0.00	0	5	0	40	23500	112	11200	12000		
750401	2	0	1	8	320	0.00	50	0	2	105	145000	114000	5200	3400		
750603	0	0	0	5	300	0.04	60	14	0	70	12000	30000	10000	4000		
750805	1	0	2	2	300	0.20	50	3	1	39	-	-	-	-		
MEAN	1	0	3	6	260	0.10	68	6	5	108	34495	32251	3745	4539		
DEVIA.	1	1	5	4	124	0.12	36	8	8	63	62502	82260	4527	5413		

710913 Pesticides not measured
720426 lindane : 11 ng/l; endosulfan alpha : 8 ng/l; dieldrin : -2 ng/l; DDE : 5 ng/l;
730406 Pesticides not measured
730717 Pesticides not measured
730926 Pesticides not measured
740610 HCH alpha : 8 ng/l; lindane : 21 ng/l;
741112 Pesticides not measured
750210 Pesticides not detectable
750401 lindane : 61 ng/l;
750603 Pesticides not detectable
750805 lindane : 48 ng/l;

.SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: FLANCTCN number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm²

			28	52	61	62	64	70	89	91	99	115	128
720426	720529	B	330	-	-	1200	-	5	-	-	-	-	-
730717		A	-	-	-	-	80	-	-	-	-	-	80
730926		A	-	1500	100	-	-	-	33	100	33	67	-
			133	139	157	159	162	163	177	183	191	195	197
720426	720529	B	-	-	20	-	-	-	-	-	-	-	-
730717		A	-	-	320	-	1920	-	240	228810	-	-	-
730926		A	166	133	100	33	33	33	-	932	33	200	367
			205	206	219	224	226	239	240	242	244	248	256
720426	720529	B	-	-	40	-	-	-	30	-	820	-	60
730717		A	-	-	320	-	640	-	160	-	3440	-	80
730926		A	167	67	-	33	433	33	-	5930	-	67	33
			257	258	263	265	274	279	287	288	289	292	295
720426	720529	B	10	20	-	30	-	20	20	10	60	-	40
730717		A	-	-	-	80	-	-	-	-	-	-	20080
730926		A	-	-	67	33	33	-	-	-	-	33	9496
			296	298	300	302	303	305	306	309	310	311	317
720426	720529	B	560	60	160	150	-	-	80	-	-	-	80
730717		A	-	3280	400	-	80	-	-	320	160	1760	-
730926		A	-	67	100	-	-	33	-	200	100	33	-
			318	319	336	341	342	347	351	352	356	358	360
720426	720529	B	10	20	10	280	-	-	70	50	30	10	-
730717		A	-	-	160	3760	-	160	320	240	-	-	80
730926		A	-	-	33	2130	33	-	-	33	-	67	20
			363	364	372	375	377	379	383	388	394	395	398
720426	720529	B	10	-	30	-	-	-	20	10	-	-	-
730717		A	-	-	-	640	640	-	960	20	-	1440	-
730926		A	-	67	133	33	200	33	1199	-	566	-	460

	402	403	404	408	409	414	417	421	424	427	430	
720426 720525 B	-	-	-	-	-	-	-	-	-	-	-	
730717 A	480	960	320	5840	-	-	-	420	320	-	240	
730926 A	-	-	266	-	60	233	33	67	433	33	-	
431	431	432	434	436	437	438	439	441	442	443	444	
720426 720529 B	-	-	-	-	-	-	-	-	-	-	-	
730717 A	320	80	80	-	400	1680	-	80	-	-	160	
730926 A	266	-	-	33	-	166	33	233	100	100	-	
445	445	449	451	459	461	463	466	467	485	487	490	
720426 720525 B	-	-	-	-	-	-	-	-	-	-	20	
730717 A	720	4080	480	80	80	-	-	-	80	320	-	
730926 A	-	1466	33	100	-	33	1132	200	-	-	-	
516	516	529	544	607	611	614	631	640	642	648	650	
720426 720529 B	-	80	20	30	-	40	5	20	10	5	-	
730717 A	480	-	160	-	-	-	-	-	-	-	20	
730926 A	67	-	-	-	33	-	-	-	-	-	-	
652	652	683	690	704								
720426 720529 B	60	5	-	10								
730717 A	-	-	-	-								
730926 A	-	-	33	-								
	Number Species	Number Indiv.	Dry-Asfree Weight mg/17cm2	Chlor.a mg/m2	Div. SHANNON	Saprobity bo	ao	bw	am	p	%Spec.	%Indiv.
720426 720525 B	48	5103	9.7	4.9	4.0	0.0	1.8	4.5	3.0	0.6	64	88
730717 A	54	288153	-	-	1.5	0.0	5.0	4.7	0.3	0.0	70	98
730926 A	74	31017	-	-	3.9	0.0	1.8	6.9	1.4	0.0	59	62

90 MEUSE

DINANT (ANSEREMME)

Lambert coord.: 188500 - 103300

SEDIMENTS

	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
710913	2.8	-	-	48.9	33.5	8.21	9.4	7.8	1.53	-	7.60	-	4.0	7.6	1.9	
720426	19.0	-	-	50.3	23.5	10.56	15.7	0.9	14.74	-	-	-	6.5	7.2	5.7	
MEAN	10.9	-	-	49.6	28.5	9.38	12.5	4.4	8.13	-	7.60	-	5.2	7.4	3.8	
DEVIA.	8.1	-	-	0.7	5.0	1.18	3.2	3.4	6.60	-	0.00	-	1.3	0.2	1.9	
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
710913	-	0.00	0.12	6.14	3.14	3.52	9.2	1.05	0.95	-	-1	-	-24	-19	-299	86
720426	-	0.00	0.13	6.10	3.05	0.48	9.1	0.71	1.10	0.01	0	-s.	-s.	-8	-s.	5
MEAN	-	0.00	0.12	6.12	3.09	2.00	9.1	0.88	1.02	0.01	0	0	0	0	0	46
DEVIA.	-	0.00	0.01	0.02	0.05	1.52	0.0	0.17	0.07	0.00	0	0	0	0	0	41
	Cr fpm	Cu ppm	Ga ppm	Ge ppm	Hg fpm	In ppm	Mn ppm	Mo fpm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
710913	55	39	6	4	0.13	-	576	-2	25	104	-49	17	53	28	358	443
720426	51	31	2	1	0.06	-	430	0	24	44	-s.	5	25	31	335	400
MEAN	53	35	4	3	0.09	-	503	0	25	74	0	11	39	30	347	422
DEVIA.	2	4	2	2	0.03	-	73	0	1	30	0	6	14	2	12	22

90 MEUSE

DINANT (ANSEPEMME)

Lambert coord.: 188500 - 103300

WATER

	Temp C	pH -	PH mV	K mS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
710913	20.2	8.2	274	-	40	78	6.9	-	4.7	-	3.2	22	-	-
720426	9.5	8.0	322	-	35	98	10.9	9.3	-	4.4	6.5	11	-	-
MEAN	14.8	8.1	298	-	37	88	8.9	9.3	4.7	4.4	4.8	16	-	-
DEVIA.	5.3	0.1	24	-	2	10	2.0	0.0	0.0	0.0	1.6	5	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph n. mcg/l	d t. mg/l	cyan. mg/l
710913	0.00	-	3.60	2.80	2.80	0.01	-	37	18	0.66	18.2	17.0	1.2	0	0.00	0.0
720426	0.00	-	6.12	2.35	2.35	0.00	0.02	28	14	0.31	17.2	14.9	2.3	0	0.00	0.0
MEAN	0.00	-	4.86	2.57	2.57	0.01	0.02	32	16	0.48	17.7	15.9	1.7	0	0.00	0.0
DEVIA.	0.00	-	1.26	0.22	0.22	0.00	0.00	4	2	0.18	0.5	1.1	0.5	0	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
710913	-	0	-	5	55	0.30	155	0	14	52	-	-	-	-
720426	3	0	3	22	98	0.15	32	0	6	118	1169	-	63	110
MEAN	3	0	3	13	76	0.22	93	0	10	85	1169	-	63	110
DEVIA.	0	0	0	8	21	0.07	61	0	4	33	0	-	0	0

710913 Pesticides not measured

720426 lindane : 12 ng/l; endosulfan alpha : -2 ng/l; DDE : 5 ng/l;

860	LESSE	DINANT(ANSEREMME)										Lambert coord.: 188550 - 103200										SEDIMENTS					
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %												
720426	34.9	-	-	15.6	7.2	1.14	76.0	1.8	74.18	3.9	13.83	-	12.1	3.0	6.4												
MEAN	34.9	-	-	15.6	7.2	1.14	76.0	1.8	74.18	3.9	13.83	-	12.1	3.0	6.4												
DEVIA.	0.0	-	-	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	-	0.0	0.0	0.0												
	F2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm											
720426	-	0.00	0.19	10.97	4.70	0.83	2.2	0.90	2.40	0.23	0	400	-s.	-9	-s.	24											
MEAN	-	0.00	0.19	10.97	4.70	0.83	2.2	0.90	2.40	0.23	0	400	0	0	0	24											
DEVIA.	-	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0											
	Cr FFm	Cu ppm	Ga ppm	Ge ppm	Hg FFm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm											
720426	140	79	17	1	0.17	-	2040	-1	52	140	-s.	53	15	55	425	360											
MEAN	140	79	17	1	0.17	-	2040	0	52	140	0	53	15	55	425	360											
DEVIA.	0	0	0	0	0.00	-	0	0	0	0	0	0	0	0	0	0											

860 LESSE

DINANT (ANSEREMME)

Lambert coord.: 188550 - 103200

WATER

	Temp C	pH -	EH mV	K mCS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
120426	7.0	7.3	329	-	0	92	10.9	10.8	-	8.7	2.2	7	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H P	N.C.H. F	ph/n. mg/l	d/t. mg/l	cyan. mg/l
720426	0.00	-	7.68	0.22	0.22	0.00	0.01	10	14	0.14	7.6	6.2	1.4	0	0.00	-

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
120426	3	0	1	18	146	0.30	42	0	6	85	83	280	66	280

720426 Pesticides not detectable

870	MEUSE	DINANT				Lambert coord.: 188650 - 105600					WATER				
	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l	
720426	9.0	7.8	323	-	10	95	10.7	9.5	-	7.1	3.6	19	-	-	

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
720426	0.00	-	1.20	2.46	2.46	0.09	0.23	29	14	0.21	15.8	13.5	2.3	0	0.00	-

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
720426	2	0	2	13	125	0.70	37	0	5	120	1608	3320	86	422

720426 lindane : 16 ng/l; DDT : 6 ng/l;

880	MEUSE	YVOIR (POILVACHE)										Lambert coord. : 187200 - 110650					SEDIMENTS				
	H2C %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec. S m2/g	LW550 %	LW1000 %	O.M. %						
720426	14.4	-	-	66.5	12.4	3.22	17.8	1.1	16.71	-	1.55	-	6.7	6.3	4.9						
MEAN	14.4	-	-	66.5	12.4	3.22	17.8	1.1	16.71	-	1.55	-	6.7	6.3	4.9						
DEVIA.	0.0	-	-	0.0	0.0	0.00	0.0	0.0	0.00	-	0.00	-	0.0	0.0	0.0						
	F2O5 %	Cl- %	Tot. S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm					
720426	-	0.00	0.21	8.20	5.51	0.59	7.8	0.75	1.65	0.07	0	230	-s.	-9	-s.	9					
MEAN	-	0.00	0.21	8.20	5.51	0.59	7.8	0.75	1.65	0.07	0	230	0	0	0	9					
DEVIA.	-	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0					
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm					
720426	36	190	4	1	0.57	-	1000	-1	32	120	-s.	3	30	41	335	350					
MEAN	36	190	4	1	0.57	-	1000	0	32	120	0	3	30	41	335	350					
DEVIA.	0	0	0	0	0.00	-	0	0	0	0	0	0	0	0	0	0					

880 MEUSE

YVOIR (POILVACHE)

Lambert coord. : 187200 - 110650

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720426	9.5	8.0	319	-	10	93	10.3	10.1	-	7.5	2.8	11	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph n. mcg/l	d t. mg/l	cyan. mcg/l
720426	0.00	-	9.12	1.68	1.68	0.00	0.11	21	12	0.26	16.0	14.0	2.0	0	0.00	-

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720426	2	0	2	16	174	0.17	36	0	5	100	685	1900	11	175

720426 lindane : 10 ng/l;

890 MOLIGNEE

YVOIR

Lambert coord.: 186075 - 111650

SEDIMENTS

	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %
720426	35.8	-	-	25.4	7.5	16.47	50.6	2.7	47.90	-	15.58	-	17.0	6.5	15.5
MEAN	35.8	-	-	25.4	7.5	16.47	50.6	2.7	47.90	-	15.58	-	17.0	6.5	15.5
DEVIA.	0.0	-	-	0.0	0.0	0.00	0.0	0.0	0.00	-	0.00	-	0.0	0.0	0.0

	Fe2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
720426	-	0.00	0.16	8.60	3.58	0.55	9.7	0.90	1.74	0.30	0	-s.	-s.	-10	-s.	8
MEAN	-	0.00	0.16	8.60	3.58	0.55	9.7	0.90	1.74	0.30	0	0	0	0	0	8
DEVIA.	-	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0

	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
720426	65	70	5	1	0.15	-	720	-1	41	70	-s.	9	40	58	520	340
MEAN	65	70	5	1	0.15	-	720	0	41	70	0	9	40	58	520	340
DEVIA.	0	0	0	0	0.00	-	0	0	0	0	0	0	0	0	0	0

890	MOLIGNEE		YVOIR		Lambert coord.: 186075 - 111650							WATER			
	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l	
720426	7.0	7.8	386	-	5	96	11.4	11.2	-	10.2	1.2	7	-	-	

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph n. mcg/l	d t. mg/l	cyan. mcg/l
720426	0.00	-	13.93	3.53	3.50	0.00	0.09	29	18	0.32	25.6	20.7	4.9	0	0.00	-

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720426	9	0	1	78	32	0.70	37	85	5	163	155	530	216	577

720426 lindane : 15 ng/l;

90	MEUSE		YVOIR			Lambert coord.: 186150 - 112175						SEDIMENTS					
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %		
720426	29.5	-	-	25.1	14.3	10.05	50.5	1.6	48.93	3.6	10.32	-	8.7	6.4	7.0		
MEAN	29.5	-	-	25.1	14.3	10.05	50.5	1.6	48.93	3.6	10.32	-	8.7	6.4	7.0		
DEVIA.	0.0	-	-	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	-	0.0	0.0	0.0		
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm	
720426	-	0.00	0.24	8.90	4.10	0.64	9.2	0.70	1.67	0.12	1	200	-s.	-10	-s.	10	
MEAN	-	0.00	0.24	8.90	4.10	0.64	9.2	0.70	1.67	0.12	1	200	0	0	0	10	
DEVIA.	-	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0	
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm	
720426	34	93	5	0	0.31	-	1600	-1	44	95	-s.	18	35	41	915	400	
MEAN	34	93	5	0	0.31	-	1600	0	44	95	0	18	35	41	915	400	
DEVIA.	0	0	0	0	0.00	-	0	0	0	0	0	0	0	0	0	0	

80 HEUSE		YVOIR		Lambert coord.: 186150 - 112175							WATER					
	Temp C	pH -	EH mV	K mcS/cm	Susp.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l		
710913	19.2	8.0	274	-	116	77	1.0	-	5.1	-	4.8	29	-	-		
720426	9.5	7.9	363	-	15	101	11.2	9.9	8.0	-	3.2	15	-	-		
MEAN	14.3	7.9	318	-	65	89	9.1	9.9	6.5	-	4.0	22	-	-		
DEVIA.	4.8	0.1	44	-	50	11	2.1	0.0	1.4	-	0.8	7	-	-		
	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	N.C.H. F	ph/n. mcg/l	d/t. mg/l	cyan. mcg/l
710913	0.00	-	0.00	1.68	1.68	0.03	-	38	18	0.50	17.2	16.0	1.2	0	0.00	0.0
720426	0.00	-	6.36	2.41	2.41	0.13	0.29	24	16	0.26	16.6	13.5	3.1	0	0.00	0.0
MEAN	0.00	-	3.18	2.04	2.04	0.08	0.29	31	17	0.38	16.9	14.7	2.1	0	0.00	0.0
DEVIA.	0.00	-	3.18	0.37	0.37	0.05	0.00	7	1	0.12	0.3	1.3	0.9	0	0.00	0.0
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Pb mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl		
710913	-	0	-	15	50	0.33	153	0	26	89	-	-	-	-		
720426	3	0	2	24	212	0.54	95	14	8	128	571	660	13	110		
MEAN	3	0	2	19	131	0.43	124	7	17	108	571	660	13	110		
DEVIA.	0	0	0	4	81	0.10	29	7	9	19	0	0	0	0		

710913 Pesticides not measured

720426 lindane : 3 ng/l; DDE : -2 ng/l; DDT : 5 ng/l;

910	BOCQ	YVOIR										Lambert coord.: 186175 - 112700										SEDIMENTS					
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %												
720426	25.5	-	-	6.6	7.5	16.30	69.6	66.8	2.80	2.4	3.30	-	7.6	4.8	5.0												
MEAN	25.5	-	-	6.6	7.5	16.30	69.6	66.8	2.80	2.4	3.30	-	7.6	4.8	5.0												
DEVIA.	0.0	-	-	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	-	0.0	0.0	0.0												
	F205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm											
720426	-	0.00	0.24	7.20	2.30	0.57	5.8	0.65	1.83	0.28	0	180	-s.	20	-s.	3											
MEAN	-	0.00	0.24	7.20	2.30	0.57	5.8	0.65	1.83	0.28	0	180	0	20	0	3											
DEVIA.	-	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0											
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm											
720426	23	18	3	1	0.37	-	390	0	14	52	-	9	40	14	255	580											
MEAN	23	18	3	1	0.37	-	390	0	14	52	-	9	40	14	255	580											
DEVIA.	0	0	0	0	0.00	-	0	0	0	0	-	0	0	0	0	0											

910 BOCQ

YVOIR

Lambert coord.: 186175 - 112100

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l
720426	6.5	8.0	350	-	5	98	11.7	11.1	-	9.4	2.3	4	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
720426	0.00	-	14.88	2.41	2.41	0.12	0.55	27	20	0.36	24.6	19.7	4.9	0	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720426	2	0	1	12	58	0.49	23	14	4	80	1038	-	3100	2530

720426 lindane : 6 ng/l; endosulfan alpha : 3 ng/l; DDE : -2 ng/l; DDT : 2 ng/l;

920 MEUSE

ANNEVOIE-ROUILLEN

Lambert coord.: 184525 - 115425

SEDIMENTS

	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
720426	2.0	-	-	53.0	23.0	7.30	16.7	16.6	0.10	3.1	4.00	-	3.6	7.1	2.0	
MEAN	2.0	-	-	53.0	23.0	7.30	16.7	16.6	0.10	3.1	4.00	-	3.6	7.1	2.0	
DEVIA.	0.0	-	-	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	-	0.0	0.0	0.0	
	F205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
720426	-	0.00	0.06	5.75	3.15	0.43	8.6	0.65	1.25	0.00	0	-s.	-s.	-8	-s.	10
MEAN	-	0.00	0.06	5.75	3.15	0.43	8.6	0.65	1.25	0.00	0	0	0	0	0	10
DEVIA.	-	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
720426	57	75	4	1	0.08	-	1050	0	36	85	-s.	12	35	47	340	310
MEAN	57	75	4	1	0.08	-	1050	0	36	85	0	12	35	47	340	310
DEVIA.	0	0	0	0	0.00	-	0	0	0	0	0	0	0	0	0	0

920 REUSE

ANNEVOIE-ROUILLO

Lambert coord.: 184525 - 115425

WATER

	Temp C	pH -	EH mV	K mS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720426	9.0	8.0	355	-	20	100	11.2	10.5	-	7.6	3.6	4	-	-

	N am. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	N.C.H. F	phln. mg/l	dlt. mg/l	cyan. mg/l
720426	0.00	-	2.76	0.95	0.95	0.01	0.14	23	16	0.25	16.6	13.2	3.4	0	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720426	8	0	3	22	162	0.32	66	38	4	100	992	425	125	210

720426 lindane : 3 ng/l; DDT : 2 ng/l; HCB : -2 ng/l;

930	MEUSE	JAMBES										Lambert coord.: 185250 - 127550					SEDIMENTS				
	P20	Color	+1mm	+149mu	+63mu	+37mu	-37mu	+2mu	-2mu	+149mu	+63mu	Spec.S	LW550	LW1000	O.M.						
	%	Muns.	%	%	%	%	%	%	%	f.m.	f.m.	m2/g	%	%	%						
720426	8.0	-	-	48.5	28.0	4.20	19.3	17.4	1.90	1.7	3.10	-	3.8	5.8	2.4						
MEAN	8.0	-	-	48.5	28.0	4.20	19.3	17.4	1.90	1.7	3.10	-	3.8	5.8	2.4						
DEVIA.	0.0	-	-	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	-	0.0	0.0	0.0						
	P205	Cl-	Tot.S	Al2O3	Fe2O3	TiO2	CaO	MgO	K2O	Crude	Ag	Ba	Be	Bi	Cd	Co					
	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm					
720426	-	0.00	0.06	5.75	2.77	0.42	7.3	0.57	1.12	0.01	0	170	-s.	-7	-s.	8					
MEAN	-	0.00	0.06	5.75	2.77	0.42	7.3	0.57	1.12	0.01	0	170	0	0	0	8					
DEVIA.	-	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0					
	Cr	Cu	Ga	Ge	Hg	In	Mn	Mo	Ni	Pb	Sb	Sn	Sr	V	Zn	Zr					
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm					
720426	55	91	3	1	0.06	-	560	0	30	67	-s.	9	15	30	585	290					
MEAN	55	91	3	1	0.06	-	560	0	30	67	0	9	15	30	585	290					
DEVIA.	0	0	0	0	0.00	-	0	0	0	0	0	0	0	0	0	0					

930 MEUSE

JAMBES

Lambert coord.: 185250 - 12/550

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720426	9.5	8.1	347	-	5	103	11.4	9.4	-	6.0	5.4	8	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	N.C.H. F	phln. mcg/l	dlt. mg/l	cyan. mcg/l
720426	0.00	-	8.16	1.23	1.23	0.10	0.18	23	16	0.25	16.4	14.0	2.4	0	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
720426	3	0	1	22	0	0.17	55	25	4	90	331	1100	87	277

720426 lindane : 10 ng/l; endosulfan alpha : -2 ng/l; DDE : -2 ng/l; HCB : -2 ng/l;

4330 SAMBRE

ERQUELINNES

Lambert coord.: 132075 - 110425

WATER

	Temp C	pH -	pH mV	K mS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l
740611	15.0	7.3	-	597	12	24	2.5	0.2	0.0	-	8.0	33	16.5	-
750121	6.0	7.5	334	766	65	99	12.4	9.2	6.4	-	10.4	47	5.8	-
750324	4.5	7.2	359	344	30	74	9.6	9.4	7.1	-	4.9	19	4.1	-
750512	13.0	7.3	389	528	70	123	13.0	9.9	5.5	-	13.5	24	7.1	-
MEAN	9.6	7.3	360	558	44	80	9.4	7.2	4.7	-	9.2	30	8.4	-
DEVIA.	4.4	0.1	18	122	23	30	3.4	3.5	2.4	-	2.7	9	4.1	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	d.t. mg/l	cyan. mcg/l
740611	2.01	0.04	0.07	2.69	4.70	0.35	-	64	34	0.20	28.0	27.5	0.5	0	0.12	0.0
750121	0.23	0.29	14.70	0.55	0.78	0.19	0.33	60	22	0.21	18.4	15.7	2.6	24	0.06	0.0
750324	0.20	0.50	4.00	-	-	0.85	0.85	34	12	0.14	13.0	9.2	3.8	200	0.00	0.0
750512	0.40	-	9.10	0.30	0.90	0.54	0.54	50	20	0.16	24.8	21.2	3.5	29	0.09	0.0
MEAN	0.71	0.28	6.97	1.18	2.13	0.48	0.57	52	22	0.18	21.0	18.4	2.6	63	0.07	0.0
DEVIA.	0.65	0.16	4.93	1.01	1.72	0.21	0.18	10	6	0.03	5.3	5.9	1.1	68	0.04	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
740611	0	0	10	9	200	0.00	128	8	0	235	440	600000	18000	5000
750121	1	0	1	6	940	0.15	125	0	0	60	-	-	-	-
750324	0	0	1	11	1520	0.04	170	0	5	78	144000	7000	4000	11000
750512	0	0	2	31	970	0.04	70	9	4	70	305000	70000	1000	700
MEAN	0	0	3	14	907	0.06	123	4	2	110	149813	225666	7666	5566
DEVIA.	0	0	3	8	353	0.05	26	4	2	62	103457	249555	6888	3622

740611 Pesticides not detectable

750121 PCB : 2000 ng/l;

750324 Pesticides not detectable

750512 Pesticides not detectable

4120 THORE

BERSILLIES L'ABBAY Lambert coord.: 134300 - 105550

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	RIC mgC/l		
740611	12.0	7.5	-	430	12	87	9.4	7.9	6.1	-	5.7	7	11.5	-		
	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	N.C.H. F	ph/n. mcg/l	d/t. mg/l	cyan. mcg/l
740611	0.23	0.26	10.80	3.17	3.40	0.31	-	30	16	0.00	23.8	20.8	3.0	0	0.05	0.0
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl		
740611	0	0	9	0	260	0.00	71	0	0	225	154000	660000	6000	2700		

740611 lindane : 12 ng/l;

4300 HANTE

LEVAL-CHAUDREVILLE

Lambert coord. : 137825 - 103175

WATER

	Temp C	pH -	EH mV	K mCS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
740611	12.0	7.3	-	494	12	87	9.4	5.9	4.8	-	1.5	11	12.5	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.N. P	Carb.N P	N.C.N. P	ph/n. mg/l	d/t. mg/l	cyan. mg/l
740611	0.26	0.26	11.30	3.94	4.20	0.17	-	28	24	0.21	27.0	23.7	3.3	0	0.08	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
740611	0	0	0	0	390	0.00	40	0	0	187	46000	1120000	8000	700

740611 lindane : 10 ng/l;

4310 HANTE

MONTIGNIES ST-CHRI Lambert coord.: 136750 - 107950

WATER

	Temp C	pH -	BH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
740611	12.0	8.0	-	508	16	101	10.9	10.6	7.6	-	6.5	18	11.5	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	N.C.H. F	ph n. mcg/l	d t. mg/l	cyan. mcg/l
740611	0.05	0.14	10.30	3.25	3.30	0.15	-	34	22	0.00	27.4	24.7	2.6	0	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
740611	0	0	0	0	120	0.00	40	12	0	200	114000	420000	600	200

740611 Pesticides not detectable

940	SAMBRE	NAMUR		Lambert coord.: 185250 - 128000								SEDIMENTS					
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %		
720426	24.1	-	-	1.0	2.0	2.20	94.8	88.9	5.90	36.0	30.00	-	16.7	7.0	20.1		
MEAN	24.1	-	-	1.0	2.0	2.20	94.8	88.9	5.90	36.0	30.00	-	16.7	7.0	20.1		
DEVIA.	0.0	-	-	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	-	0.0	0.0	0.0		
	P2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm	
720426	-	0.04	0.66	12.60	7.34	0.77	9.8	1.15	2.13	0.48	3	760	-s.	16	-s.	17	
MEAN	-	0.04	0.66	12.60	7.34	0.77	9.8	1.15	2.13	0.48	3	760	0	16	0	17	
DEVIA.	-	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0	
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Fg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm	
720426	100	180	10	0	3.37	-	1680	-2	85	360	-s.	61	-4	115	4230	143	
MEAN	100	180	10	0	3.37	-	1680	0	85	360	0	61	0	115	4230	143	
DEVIA.	0	0	0	0	0.00	-	0	0	0	0	0	0	0	0	0	0	

940	SAMBRE	NAMUR										Lambert coord.: 185250 - 128000					WATER				
	Temp C	pH -	PH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l							
720426	12.5	7.6	352	-	30	76	7.9	5.1	3.9	-	6.6	33	-	-							
	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	N.C.H. F	ph n. mcg/l	d t. mg/l	cyan. mcg/l					
720426	2.63	-	13.92	2.69	5.32	0.19	0.30	69	194	0.76	32.6	20.0	12.6	3	0.00	0.0					
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl							
720426	6	5	1	26	202	0.91	159	17	8	470	2560	-	1300	-							
720426	lindane :		16 ng/l;		heptachlor :		6 ng/l;		endosulfan alpha :		3 ng/l;										

950 MEUSE

BEEZ

Lambert coord.: 189450 - 128475

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720426	9.5	7.8	352	-	10	99	11.0	9.4	-	4.3	6.7	16	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
720426	0.00	-	5.52	1.18	1.18	0.00	0.09	30	22	0.22	17.2	14.5	2.7	0	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720426	3	0	2	17	196	2.15	80	13	4	160	1695	4000	940	1560

720426 lindane : 10 ng/l; heptachlor : -2 ng/l; endosulfan alpha : -2 ng/l; HCB : -2 ng/l;

960	SAMSON		THON				Lambert coord.: 194325 - 128700						SEDIMENTS					
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %			
720426	20.4	-	-	27.0	12.5	1.70	58.8	57.3	1.50	3.9	5.10	-	6.4	5.4	5.1			
MEAN	20.4	-	-	27.0	12.5	1.70	58.8	57.3	1.50	3.9	5.10	-	6.4	5.4	5.1			
DEVIA.	0.0	-	-	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	-	0.0	0.0	0.0			
	F205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm		
720426	-	0.00	0.17	7.10	3.07	0.53	7.8	0.83	1.54	0.23	1	210	-s.	-8	-s.	7		
MEAN	-	0.00	0.17	7.10	3.07	0.53	7.8	0.83	1.54	0.23	1	210	0	0	0	7		
DEVIA.	-	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0		
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm		
720426	61	30	4	1	0.26	-	840	0	28	93	-s.	7	30	40	315	370		
MEAN	61	30	4	1	0.26	-	840	0	28	93	0	7	30	40	315	370		
DEVIA.	0	0	0	0	0.00	-	0	0	0	0	0	0	0	0	0	0		

960 SABSON

THOM

Lambert coord.: 194325 - 128700

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720427	7.0	8.1	347	-	20	101	11.9	10.5	-	6.7	5.2	8	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mg/l	dlt. mg/l	cyan. mcg/l
720427	0.00	-	2.40	1.00	1.00	0.00	0.02	34	22	0.25	20.8	16.5	4.3	12	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
720427	2	0	2	11	185	0.26	55	13	3	170	1200	6600	4500	1650

720427 HCH alpha : 16 ng/l; lindane : 20 ng/l; DDT : 20 ng/l;

970	MEUSE		NAMECHE					Lambert coord.: 194725 - 128850					SEDIMENTS					
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %			
720426	15.8	-	-	8.5	27.5	11.60	52.4	50.1	2.30	18.4	5.00	-	9.4	20.9	6.4			
MEAN	15.8	-	-	8.5	27.5	11.60	52.4	50.1	2.30	18.4	5.00	-	9.4	20.9	6.4			
DEVIA.	0.0	-	-	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	-	0.0	0.0	0.0			
	Fe2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm		
720426	-	0.01	0.38	5.20	3.67	0.37	16.5	6.72	1.23	0.53	0	-s.	-s.	-14	-s.	6		
MEAN	-	0.01	0.38	5.20	3.67	0.37	16.5	6.72	1.23	0.53	0	0	0	0	0	6		
DEVIA.	-	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0		
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm		
720426	35	86	3	0	0.80	-	560	-2	23	90	-s.	7	=4	24	1105	200		
MEAN	35	86	3	0	0.80	-	560	0	23	90	0	7	0	24	1105	200		
DEVIA.	0	0	0	0	0.00	-	0	0	0	0	0	0	0	0	0	0		

970 MEUSE

NAMECHE

Lambert coord.: 194725 - 128850

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720427	10.0	7.9	353	-	5	101	11.0	8.0	-	4.3	6.7	4	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph/n. mcg/l	d/t. mg/l	cyan. mcg/l
720427	0.00	-	8.52	1.73	1.73	0.13	0.19	31	36	0.32	18.4	14.5	3.9	0	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720427	3	3	3	11	240	0.37	63	17	3	160	4500	12000	400	1080

720427 HCH alpha : 20 ng/l; lindane : 13 ng/l; heptachlor epoxide : 3 ng/l; endosulfan alpha : -2 ng/l; DDT : 16 ng/l;

980	MEUSE		ANDENNE			Lambert coord.: 201600 - 131700						SEDIMENTS					
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec. S m2/g	LW550 %	LW1000 %	O.M. %		
720427	12.4	-	-	14.0	17.5	11.40	57.1	55.8	1.30	4.9	4.20	-	6.6	11.7	6.2		
MEAN	12.4	-	-	14.0	17.5	11.40	57.1	55.8	1.30	4.9	4.20	-	6.6	11.7	6.2		
DEVIA.	0.0	-	-	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	-	0.0	0.0	0.0		
	Fe2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm	
720427	-	0.00	0.32	7.50	4.11	0.55	10.6	2.30	1.55	0.06	1	360	-s.	-11	-s.	10	
MEAN	-	0.00	0.32	7.50	4.11	0.55	10.6	2.30	1.55	0.06	1	360	0	0	0	10	
DEVIA.	-	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0	
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm	
720427	120	52	12	1	0.75	-	980	3	37	240	-s.	16	20	56	1090	610	
MEAN	120	52	12	1	0.75	-	980	3	37	240	0	16	20	56	1090	610	
DEVIA.	0	0	0	0	0.00	-	0	0	0	0	0	0	0	0	0	0	

980 REUSE

ANDENNE

Lambert coord.: 201600 - 131700

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l
720427	9.5	8.0	351	-	30	94	10.5	8.0	-	3.6	6.9	21	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph n. mg/l	d t. mg/l	cyan. mg/l
720427	0.00	-	0.72	2.24	2.24	0.01	0.14	14	38	0.31	19.6	14.5	5.1	23	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
720427	3	4	3	19	240	0.99	85	10	4	155	3940	16000	1250	1045

720427 BCB alpha : 8 ng/l; lindane : 20 ng/l; DDT : -2 ng/l;

2350 MEHAIGNE

DHUY

Lambert coord.: 182900 - 138775

SEDIMENTS

	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
730523	34.1	16.3	4.30	-	10.0	0.00	69.7	62.9	6.81	-	-	35.3	12.1	3.0	8.7	
731218	22.4	36.3	8.70	-	3.3	9.17	66.2	57.6	8.64	-	-	-	4.2	0.9	3.9	
MEAN	28.3	26.3	6.50	-	6.6	4.58	67.9	60.2	7.72	-	-	35.3	8.2	1.9	6.3	
DEVIA.	5.9	10.0	2.20	-	3.3	4.58	1.7	2.7	0.91	-	-	0.0	4.0	1.0	2.4	
	P2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
730523	-	0.00	0.62	8.46	3.16	-	4.1	-	1.56	0.06	0	212	-s.	-s.	-s.	3
731218	-	-	0.10	9.05	3.65	-	1.2	-	1.62	0.02	0	300	-s.	-s.	-s.	9
MEAN	-	0.00	0.36	8.75	3.40	-	2.7	-	1.59	0.04	0	256	0	0	0	6
DEVIA.	-	0.00	0.26	0.30	0.24	-	1.5	-	0.03	0.02	0	44	0	0	0	3
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
730523	42	19	12	-2	0.03	-	1090	-3	16	130	-s.	8	65	24	180	530
731218	58	14	9	-s.	0.03	-s.	510	-s.	20	24	-s.	3	-	46	65	780
MEAN	50	17	11	0	0.03	0	800	0	18	77	0	6	65	35	123	655
DEVIA.	8	3	2	0	0.00	0	290	0	2	53	0	3	0	11	58	125

2350	MEHAIGNE	DRUY				Lambert coord.: 182900 - 138775						WATER				
	Temp C	pH -	EH mV	K mS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	RIC mgC/l		
730523	15.5	7.9	309	667	10	130	13.1	10.3	7.3	-	10.2	7	2.0	56.0		
731218	4.0	7.3	329	875	5	86	11.3	10.3	9.7	-	2.6	19	38.0	49.1		
740108	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MEAN	9.7	7.6	319	771	7	107	12.2	10.3	8.5	-	6.4	13	20.0	52.5		
DEVIA.	5.7	0.3	10	104	2	21	0.9	0.0	1.2	-	3.8	5	18.0	3.5		
	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
730523	0.00	0.04	1.23	3.09	3.09	0.21	0.21	78	56	0.83	32.6	24.5	8.1	9	0.00	0.0
731218	0.13	0.02	10.13	2.42	2.65	0.07	0.07	128	94	0.22	39.6	15.5	24.1	0	0.88	0.0
740108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.06	0.03	5.68	2.75	2.87	0.14	0.14	103	75	0.52	36.1	20.0	16.1	4	0.44	0.0
DEVIA.	0.06	0.01	4.45	0.33	0.22	0.07	0.07	25	19	0.31	3.5	4.5	8.0	4	0.44	0.0
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl		
730523	1	0	0	7	57	0.11	64	0	0	37	13700	12600	3100	1020		
731218	-	-	-	-	-	-	-	-	-	-	8200	1500	1100	2250		
740108	-	-	-	-	-	-	-	-	-	-	31700	5200	2700	1950		
MEAN	1	0	0	7	57	0.11	64	0	0	37	17866	6433	2300	1740		
DEVIA.	0	0	0	0	0	0.00	0	0	0	0	9222	4111	800	480		
730523	HCH alpha :		7 ng/l;		lindane :		21 ng/l;		HCH delta :		-2 ng/l;		heptachlor epoxide :		6 ng/l;	
731218	lindane :		3 ng/l;		HCH delta :		4 ng/l;		dielddrin :		2 ng/l;					
740108	Pesticides not measured															

2350 MEHAIGNE

DHUY

Lambert coord.: 182900 - 138775

HYDROBIOLOGY

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: FLANCTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm²

		66	90	91	115	133	162	183	203	219	220	225
731218	A	-	-	-	-	-	20	-	-	-	180	-
740108	A	40	40	20	20	20	-	100	20	100	-	20
		242	277	292	299	300	302	305	306	307	309	310
731218	A	-	-	20	-	160	40	-	-	20	60	-
740108	A	20	40	160	40	320	-	200	180	-	180	20
		324	336	345	347	358	361	383	483	516	534	606
731218	A	-	20	-	140	80	-	-	20	-	-	-
740108	A	40	-	20	120	60	20	140	-	40	20	20
		704										
731218	A	20										
740108	A	-										

		Number Species	Number Indiv.	Dry-Asfree mg/17cm ²	Weight	Chlor.a mg/m ²	Div. SHANNON	Saprobity					%Spec.	%Indiv.
								bo	ao	bm	am	p		
731218	A	12	785	-	-	-	3.1	0.4	2.2	4.1	3.3	0.0	66	71
740108	A	28	2033	-	-	-	4.2	0.5	1.6	3.3	4.5	0.2	53	60

2360	MEHAIGNE		MEHAIGNE				Lambert coord.: 185750 - 142850				SEDIMENTS						
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %		
730523	27.0	16.3	0.80	-	10.7	13.06	67.9	62.8	5.09	-	-	43.3	7.1	2.0	6.1		
731218	24.5	36.2	0.65	-	5.2	0.33	86.0	73.5	12.49	-	-	-	5.7	0.7	5.2		
MEAN	25.8	26.2	0.72	-	7.9	6.69	77.0	68.2	8.79	-	-	43.3	6.4	1.4	5.7		
DEVIA.	1.3	10.0	0.07	-	2.8	6.36	9.1	5.3	3.70	-	-	0.0	0.7	0.6	0.4		
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm	
730523	-	0.00	0.37	7.79	3.14	-	1.1	-	1.67	0.07	3	140	-s.	-s.	-s.	6	
731218	-	-	0.08	9.26	3.46	-	0.8	-	1.56	0.02	0	340	-s.	-s.	-s.	8	
MEAN	-	0.00	0.22	8.52	3.30	-	0.9	-	1.61	0.04	2	240	0	0	0	7	
DEVIA.	-	0.00	0.14	0.73	0.16	-	0.1	-	0.05	0.02	1	100	0	0	0	1	
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm	
730523	110	18	18	-2	0.00	-s.	530	-s.	31	160	-s.	8	45	72	121	970	
731218	71	30	9	-s.	0.14	-s.	530	0	28	33	-s.	3	-	49	130	980	
MEAN	91	24	14	0	0.07	0	530	0	30	97	0	6	45	61	126	975	
DEVIA.	20	6	5	0	0.03	0	0	0	2	64	0	3	0	12	5	5	

2360 MEHAIGNE

MEHAIGNE

Lambert coord.: 185750 - 142850

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	RIC mgC/l
730523	14.0	7.6	334	667	10	84	8.8	6.9	5.9	-	4.8	4	4.0	55.0
731218	3.5	7.5	330	894	10	84	11.2	10.6	9.5	-	3.1	15	38.6	45.4
740108	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	8.8	7.5	332	780	10	84	10.0	8.7	7.7	-	3.9	9	21.3	50.2
DEVIA.	5.2	0.0	2	113	0	0	1.2	1.8	1.8	-	0.8	5	17.3	4.8

	N amn. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.R. P	Carb.R P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
730523	0.06	0.02	1.85	3.86	3.93	0.27	0.27	64	56	0.50	31.8	24.0	6.8	0	1.70	0.0
731218	0.09	0.01	9.66	2.16	2.25	0.09	0.09	173	96	0.26	39.2	16.5	22.7	39	-	0.0
740108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.08	0.01	5.75	3.01	3.09	0.18	0.18	118	76	0.38	35.5	20.2	14.7	19	1.70	0.0
DEVIA.	0.01	0.01	3.90	0.85	0.84	0.09	0.09	54	20	0.12	3.7	3.8	7.9	19	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
730523	0	0	0	307	63	0.00	124	3	8	550	15800	29800	5400	3920
731218	-	-	-	-	-	-	-	-	-	-	19100	2500	1600	7550
740108	-	-	-	-	-	-	-	-	-	-	38500	13200	3700	13700
MEAN	0	0	0	307	63	0.00	124	3	8	550	24466	15166	3566	8390
DEVIA.	0	0	0	0	0	0.00	0	0	0	0	9355	9755	1311	3540

730523 HCH alpha : 6 ng/l; lindane : 20 ng/l; HCH delta : -2 ng/l; heptachlor epoxide : -2 ng/l;
 731218 heptachlor epoxide : 5 ng/l;
 740108 Pesticides not measured

2360 MEHAIGNE

MEHAIGNE

Lambert coord.: 185750 - 142850

HYDROBIOLOGY

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: FLANCTCN number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm2

			24	74	99	123	219	220	221	225	240	244	248
731218	740108	B	1140	10	10	10	30	70	20	30	20	70	20
			249	265	286	290	298	299	302	303	305	306	309
731218	740108	B	10	30	20	10	70	30	130	10	20	530	110
			315	317	320	321	323	338	347	352	358	361	383
731218	740108	B	40	60	30	30	10	30	160	20	110	10	30
			497	516	522	559	566	588	590	596	607	612	617
731218	740108	B	10	40	70	40	100	10	10	20	50	20	10
			695	704	718	736							
731218	740108	B	10	10	10	10							

			Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight mg/m2	Chlor.a mg/m2	Div. SHANNON	Saprobity					%Spec.	%Indiv.
									bo	ao	bm	am	p		
731218	740108	B	48	3373	170.8	39.7	0.7	4.0	0.1	0.8	3.6	5.1	0.4	81	94

2370	MEHAIGNE		BRANCHON			Lambert coord.: 192700 - 146525						SEDIMENTS					
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %		
730523	22.8	16.3	0.06	-	8.9	20.74	64.0	57.1	6.88	-	-	53.5	5.5	2.1	5.3		
731218	27.6	25.2	0.61	-	12.2	6.52	68.0	59.8	8.26	-	-	-	7.8	0.9	7.3		
MEAN	25.2	20.7	0.33	-	10.6	13.63	66.0	58.5	7.57	-	-	53.5	6.6	1.5	6.3		
DEVIA.	2.4	4.5	0.27	-	1.6	7.11	2.0	1.3	0.69	-	-	0.0	1.1	0.6	1.0		
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm	
730523	-	0.00	0.28	7.94	3.26	-	1.2	-	1.68	0.09	0	135	-s.	-s.	-s.	6	
731218	-	-	0.48	8.41	8.36	-	1.4	-	1.43	0.08	0	300	-s.	-s.	-s.	10	
MEAN	-	0.00	0.38	8.17	5.81	-	1.3	-	1.55	0.08	0	218	0	0	0	8	
DEVIA.	-	0.00	0.10	0.24	2.55	-	0.1	-	0.13	0.00	0	83	0	0	0	2	
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm	
730523	87	24	15	-2	0.00	-s.	580	-s.	29	110	-s.	-s.	50	59	145	890	
731218	61	30	7	-s.	0.22	-s.	590	0	25	40	-	3	-	46	175	1360	
MEAN	74	27	11	0	0.11	0	585	0	27	75	0	2	50	53	160	1125	
DEVIA.	13	3	4	0	0.06	0	5	0	2	35	0	1	0	7	15	235	

2370 MERRAIGNE

BRANCHON

Lambert coord.: 192700 - 146525

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
730523	14.0	7.6	334	681	10	99	10.3	6.7	5.9	-	7.0	7	1.0	61.0
731218	4.0	7.5	322	860	5	80	10.8	9.8	9.6	-	1.9	19	26.5	41.2
740108	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	9.0	7.5	328	770	7	89	10.5	8.2	7.7	-	4.4	13	13.7	51.1
DEVIA.	5.0	0.0	6	89	2	9	0.3	1.5	1.8	-	2.6	6	12.7	9.9

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
730523	0.00	0.06	2.48	2.53	2.53	0.34	0.37	66	54	1.06	34.2	20.8	13.4	9	0.25	0.0
731218	0.15	0.02	7.98	1.98	2.13	0.14	0.14	143	92	0.26	39.2	18.0	21.2	0	0.14	0.0
740108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.07	0.04	5.23	2.26	2.33	0.24	0.26	104	73	0.66	36.7	19.4	17.3	4	0.19	0.0
DEVIA.	0.07	0.02	2.75	0.28	0.20	0.10	0.11	38	19	0.40	2.5	1.4	3.9	4	0.06	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
730523	0	0	0	8	43	0.12	28	3	0	10	16100	24400	4600	1300
731218	-	-	-	-	-	-	-	-	-	-	21200	10000	6000	10550
740108	-	-	-	-	-	-	-	-	-	-	30500	39000	7600	6800
MEAN	0	0	0	8	43	0.12	28	3	0	10	22600	24466	6066	6216
DEVIA.	0	0	0	0	0	0.00	0	0	0	0	5266	9688	1022	3277

730523 HCH alpha : 13 ng/l; lindane : 120 ng/l; heptachlor epoxide : 7 ng/l;
 731218 lindane : 100 ng/l; heptachlor epoxide : 5 ng/l;
 740108 Pesticides not measured

2370 MEHAIGNE

ERANCHON

Lambert coord.: 192700 - 146525

HYDROBIOLOGY

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: PLANKTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm²

			24	99	220	225	240	244	248	258	298	299	300
731218	740108	B	270	10	30	20	40	20	20	10	90	10	30
			301	302	306	309	318	321	347	358	383	445	522
731218	740108	B	10	130	210	40	30	10	70	90	10	20	10
			529	553	607	612							
731218	740108	B	10	10	10	10							

			Number Species	Number Indiv.	Dry-Asfree mg/17cm ²	Weight mg/m ²	Chlor.a mg/m ²	Div. SHANNON	Saprobity					%Spec.	%Indiv.
									bo	ao	bm	am	p		
731218	740108	B	26	1232	42.5	39.5	-	3.8	0.1	0.8	4.0	5.0	0.1	88	95

2380	MEHAIGNE		AMBRESIN				Lambert coord.: 197725 - 146400						SEDIMENTS					
	H2O %	Cclor Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %			
730523	13.6	16.3	2.26	-	15.0	4.58	58.5	54.2	4.27	-	-	59.1	4.4	2.4	4.6			
731218	24.2	25.2	0.75	-	12.3	22.74	50.2	41.5	8.66	-	-	-	6.4	1.8	6.0			
MEAN	18.9	20.7	1.50	-	13.7	13.66	54.3	47.9	6.46	-	-	59.1	5.4	2.1	5.3			
DEVIA.	5.3	4.5	0.75	-	1.3	9.08	4.2	6.4	2.19	-	-	0.0	1.0	0.3	0.7			
	F2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm		
730523	-	0.00	0.20	6.64	2.43	-	2.2	-	1.23	0.04	0	140	-s.	-s.	-s.	6		
731218	-	-	0.51	7.92	3.08	-	2.5	-	1.35	0.03	0	320	-s.	-s.	-s.	10		
MEAN	-	0.00	0.35	7.28	2.75	-	2.4	-	1.29	0.04	0	230	0	0	0	8		
DEVIA.	-	0.00	0.15	0.64	0.33	-	0.1	-	0.06	0.01	0	90	0	0	0	2		
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm		
730523	70	34	14	-2	0.00	-s.	430	-s.	24	170	-s.	6	55	58	130	1010		
731218	72	130	7	-s.	0.28	-	540	0	26	62	-s.	3	-	54	220	1070		
MEAN	71	82	11	0	0.14	0	485	0	25	116	0	5	55	56	175	1040		
DEVIA.	1	48	4	0	0.07	0	55	0	1	54	0	2	0	2	45	30		

2380 MEHAIGNE

AMBRESIN

Lambert coord.: 197725 - 146400

WATER

	Temp C	pH -	EH mV	K mS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	POC mgC/l	PIC mgC/l
730523	15.5	7.7	329	676	10	107	10.8	7.8	6.7	-	6.7	11	3.0	61.0
731218	4.5	7.3	324	899	20	80	10.5	0.0	0.0	-	1.0	27	29.9	37.8
740108	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	10.0	7.5	326	787	15	93	10.6	3.9	3.3	-	3.8	19	16.4	49.4
DEVIA.	5.5	0.2	2	111	5	13	0.1	3.9	3.3	-	2.8	8	13.4	11.6

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph n. mcg/l	d t. mg/l	cyan. mcg/l
730523	0.13	0.04	2.48	1.88	2.01	0.31	0.31	62	58	0.50	35.0	27.5	7.5	12	0.00	0.0
731218	0.33	0.16	5.44	1.41	1.74	0.18	0.18	105	88	0.21	38.8	18.0	20.8	0	0.13	0.0
740108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.23	0.10	3.96	1.64	1.87	0.25	0.25	83	73	0.35	36.9	22.7	14.1	6	0.06	0.0
DEVIA.	0.10	0.06	1.48	0.23	0.13	0.06	0.06	21	15	0.14	1.9	4.7	6.6	6	0.06	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
730523	0	0	0	3	0	0.00	0	0	8	0	29000	24000	4700	2440
731218	-	-	-	-	-	-	-	-	-	-	472000	63500	27400	51000
740108	-	-	-	-	-	-	-	-	-	-	446000	59000	16000	19000
MEAN	0	0	0	3	0	0.00	0	0	8	0	315666	48833	16033	24146
DEVIA.	0	0	0	0	0	0.00	0	0	0	0	191111	16555	7577	17902

730523 HCH alpha : 10 ng/l; lindane : 840 ng/l;
 731218 lindane : 95 ng/l;
 740108 Pesticides not measured

2380 MEHAIGNE

AMBRESIN

Lambert coord.: 197725 - 146400

HYDROBIOLOGY

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: PLANKTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm2

			24	28	66	220	221	225	240	244	248	258	259
731218	740108	B	640	460	30	110	90	60	440	110	50	20	10
			265	285	286	290	298	299	300	302	304	305	306
731218	740108	B	20	40	30	320	380	40	151	290	40	10	1060
			309	318	319	320	321	323	331	336	341	347	358
731218	740108	B	390	60	20	110	70	50	10	60	30	240	1360
			386	425	438	449	516	529	535	553	559	562	566
731218	740108	B	460	10	20	50	120	80	80	20	50	70	60
			577	596	612								
731218	740108	B	170	10	270								

			Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight mg/m2	Chlor.a mg/m2	Div. SHANNON	Saprobity					%Spec.	%Indiv.
									bo	ao	bm	am	p		
731218	740108	B	49	8294	530.4	160.8	1.5	4.5	0.3	0.9	3.5	4.5	0.8	85	96

2390	MEHAIGNE		HUCCORGNE			Lambert coord.: 206550 - 139950						SEDIMENTS					
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %		
730523	14.6	16.3	0.67	-	12.8	13.33	63.1	56.4	6.74	-	-	57.4	3.2	1.6	3.2		
731218	18.7	26.2	0.31	-	12.6	11.34	63.7	52.7	10.97	-	-	-	4.9	1.0	4.3		
MEAN	16.6	21.2	0.49	-	12.7	12.33	63.4	54.5	8.85	-	-	57.4	4.0	1.3	3.7		
DEVIA.	2.1	5.0	0.18	-	0.1	1.00	0.3	1.9	2.11	-	-	0.0	0.8	0.3	0.6		
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm	
730523	-	0.00	0.08	8.21	3.15	-	1.0	-	1.73	0.02	0	136	-s.	-s.	-s.	8	
731218	-	-	0.14	8.24	2.86	-	1.3	-	1.45	0.04	0	310	-s.	-s.	-s.	11	
MEAN	-	0.00	0.11	8.22	3.02	-	1.1	-	1.59	0.03	0	223	0	0	0	10	
DEVIA.	-	0.00	0.03	0.02	0.16	-	0.1	-	0.14	0.01	0	87	0	0	0	2	
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm	
730523	95	18	18	-2	0.00	-s.	540	-s.	41	140	-s.	-s.	50	78	130	980	
731218	66	25	8	-s.	0.07	-s.	540	0	24	48	-s.	-1	-	49	190	1360	
MEAN	81	22	13	0	0.03	0	540	0	33	94	0	0	50	64	160	1170	
DEVIA.	15	4	5	0	0.02	0	0	0	9	46	0	0	0	15	30	190	

2390 MEHAIGNE

HUCCORNE

Lambert coord.: 206550 - 139950

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l
730523	15.0	7.4	314	618	10	90	9.1	6.9	5.4	-	6.3	11	5.5	54.5
731218	4.0	7.5	323	864	55	82	10.8	6.9	4.7	-	10.2	27	20.9	26.9
740108	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	9.5	7.4	318	741	32	86	9.9	6.9	5.0	-	8.2	19	13.2	40.7
DEVIA.	5.5	0.1	4	123	22	3	0.8	0.0	0.3	-	1.9	8	7.7	13.8

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph/n. mcg/l	dlt. mg/l	cyan. mcg/l
730523	0.00	0.01	3.21	2.95	2.95	0.31	0.31	69	26	0.80	30.8	24.0	6.8	0	0.70	0.0
731218	0.16	0.01	1.28	1.36	1.36	0.11	0.11	109	88	0.28	39.8	18.0	21.8	0	0.11	0.0
740108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.08	0.01	5.24	2.16	2.16	0.21	0.21	89	57	0.54	35.3	21.0	14.3	0	0.41	0.0
DEVIA.	0.08	0.00	2.03	0.80	0.80	0.10	0.10	20	31	0.26	4.5	3.0	7.5	0	0.29	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
730523	0	0	0	4	33	0.00	16	4	0	21	90000	135000	11900	7640
731218	-	-	-	-	-	-	-	-	-	-	518000	22000	1150	48000
740108	-	-	-	-	-	-	-	-	-	-	154000	53000	29500	45000
MEAN	0	0	0	4	33	0.00	16	4	0	21	254000	70000	14183	33546
DEVIA.	0	0	0	0	0	0.00	0	0	0	0	176000	43333	10211	17271

730523 HCH alpha : 9 ng/l; lindane : 326 ng/l; heptachlor epoxide : 13 ng/l;
 731218 lindane : 80 ng/l;
 740108 Pesticides not measured

2390 MEHAIGNE

HUCCORNE

Lambert coord.: 206550 - 139950

HYDPOBIOLOGY

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: FLANCTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm2

		24	28	99	116	125	219	220	221	225	234	240
731218	740108	B	30	90	20	10	10	40	60	90	20	1270
		244	248	249	258	265	271	283	285	288	290	298
731218	740108	B	50	10	40	30	30	10	40	10	240	90
		300	302	303	306	309	318	319	320	321	323	336
731218	740108	B	60	470	80	910	140	70	30	90	10	40
		347	352	358	361	386	438	449	504	516	535	553
731218	740108	B	150	40	400	10	10	10	20	30	30	10
		559	577	607	612	614	695					
731218	740108	B	120	30	60	80	40	10				

		Number Species	Number Indiv.	Drv-Asfree mg/17cm2	Weight mg/m2	Chlor.a mg/m2	Div. SHANNON	Saprobity					%Spec.	%Indiv.	
								bo	ao	bm	am	p			
731218	740108	B	51	5245	289.0	53.6	2.1	4.1	0.4	1.0	3.4	4.5	0.7	86	96

990	MEHAIGNE		WANZE			Lambert coord.: 210125 - 137175						SEDIMENTS				
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
720427	18.1	-	-	5.0	8.5	9.40	77.1	74.2	2.90	6.8	4.40	-	5.4	5.3	5.3	
730523	12.1	16.3	0.33	-	20.3	9.94	59.5	53.2	6.32	-	-	25.8	3.4	4.4	3.4	
731218	12.1	26.2	1.38	-	18.7	15.64	29.9	29.5	0.39	-	-	-	3.5	8.0	3.0	
MEAN	14.1	21.2	0.85	5.0	15.9	11.66	55.5	52.3	3.20	6.8	4.40	25.8	4.1	5.9	3.9	
DEVIA.	2.6	5.0	0.52	0.0	4.9	2.65	17.1	15.2	2.08	0.0	0.00	0.0	0.9	1.4	0.9	
	F2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
720427	-	0.00	0.29	7.90	2.85	0.61	6.8	0.68	1.73	0.13	0	390	-s.	14	-s.	7
730523	-	0.00	0.14	6.57	2.41	-	5.1	-	1.43	0.10	0	195	-s.	-s.	-s.	6
731218	-	-	0.24	5.89	2.15	-	10.3	-	1.27	0.07	-	180	-s.	-	-s.	4
MEAN	-	0.00	0.22	6.79	2.47	0.61	7.4	0.68	1.48	0.10	0	255	0	7	0	6
DEVIA.	-	0.00	0.06	0.74	0.25	0.00	1.9	0.00	0.17	0.02	0	90	0	4	0	1
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
720427	73	28	11	2	0.13	-	1720	-1	26	160	-s.	9	30	47	440	1100
730523	56	44	4	-s.	0.01	-s.	1300	-4	20	120	-s.	9	40	46	255	680
731218	30	36	4	-3	0.10	-	710	-s.	16	120	-s.	8	-	30	445	530
MEAN	53	36	6	1	0.08	0	1243	0	21	133	0	9	35	41	380	770
DEVIA.	15	5	3	0	0.05	0	356	0	4	18	0	0	5	7	83	220

990 MEHAIGNE

WANZE

Lambert coord.: 210125 - 137175

WATER

	Temp C	pH -	PH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720427	9.0	7.8	352	-	5	94	10.6	9.4	-	6.4	4.2	4	-	-
730523	15.0	7.2	316	906	10	95	9.6	7.0	5.9	-	6.1	7	9.5	52.5
731218	4.5	7.7	322	849	50	91	11.9	9.9	9.1	-	4.6	42	26.9	35.7
740108	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	9.5	7.6	330	877	21	93	10.7	8.8	7.5	6.4	5.0	17	18.2	44.1
DEVIA.	3.7	0.2	14	28	18	1	0.8	1.2	1.6	0.0	0.8	16	8.7	8.4

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phn. mcg/l	d/t. mg/l	cyan. mcg/l
720427	0.00	-	13.80	0.95	0.95	0.01	0.27	49	58	0.27	36.2	25.7	10.5	7	0.00	0.0
730523	0.06	0.03	12.60	-	-	0.05	-	65	54	0.43	29.6	23.7	5.8	0	0.35	0.0
731218	0.16	0.01	7.83	0.97	1.13	0.16	0.16	158	86	0.23	36.8	17.5	19.3	0	0.13	0.0
740108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.07	0.02	11.41	0.96	1.04	0.07	0.21	90	66	0.31	34.2	22.3	11.9	2	0.16	0.0
DEVIA.	0.06	0.01	2.39	0.01	0.09	0.06	0.05	44	13	0.08	3.1	3.2	4.9	3	0.13	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720427	2	6	0	36	109	0.12	105	0	4	65	1700	5200	30	1000
730523	0	0	0	6	30	0.08	12	6	5	20	34200	89000	12350	3520
731218	-	-	-	-	-	-	-	-	-	-	89900	34000	12500	13350
740108	-	-	-	-	-	-	-	-	-	-	207000	34000	7000	35000
MEAN	1	3	0	21	69	0.10	58	3	4	42	83200	40550	7970	13217
DEVIA.	1	3	0	15	39	0.02	46	3	0	22	65250	24225	4455	10957

720427 lindane : 10 ng/l; heptachlor epoxide : 5 ng/l; DDE : -2 ng/l; DDT : 21 ng/l;
 730523 HCH alpha : 9 ng/l; lindane : 60 ng/l;
 731218 Pesticides not detectable
 740108 Pesticides not measured

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: PLANKTON number individuals x 100/l

B: PEPHYTON number individuals x 100/17cm²

			28	54	133	225	240	244	248	249	264	290	292
731218	740108	B	50	50	10	30	220	20	20	20	10	50	20
			298	299	300	302	303	307	309	318	323	336	347
731218	740108	B	100	10	80	30	40	70	30	20	20	120	50
			358	516	522	529	534	577	611				
731218	740108	B	90	10	10	30	5	5	30				

		Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight mg/m2	Chlor.a mg/m2	Div. SHANNON	Saprobity					%Spec.	%Indiv.	
								bo	ao	bm	am	p			
731218	740108	B	30	1264	521.3	40.2	-	4.3	0.4	1.5	3.2	4.2	0.7	83	87

1000	NEUSE	Lambert coord.: 211325 - 134350									WATER				
	Temp C	pH -	EP mV	K mCS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	CON mg/l	TOC mgC/l	RIC mgC/l	
720427	9.5	7.8	351	-	25	95	10.6	8.4	-	7.1	3.5	8	-	-	

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
720427	0.00	-	3.00	2.52	2.52	0.00	0.11	33	46	0.27	-	-	-	8	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
720427	5	0	2	23	185	0.15	82	17	4	125	2000	6900	265	240

720427 lindane : 13 ng/l; endosulfan alpha : -2 ng/l;

1010	HOYOUN		HOY		Lambert coord.: 211750 - 134350								SEDIMENTS					
	H2O %	Colcr Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %			
720427	17.3	-	-	38.0	13.0	7.30	41.7	41.5	0.20	20.2	14.00	-	12.8	7.3	6.5			
MEAN	17.3	-	-	38.0	13.0	7.30	41.7	41.5	0.20	20.2	14.00	-	12.8	7.3	6.5			
DEVIA.	0.0	-	-	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	-	0.0	0.0	0.0			
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm		
720427	-	0.00	0.33	6.10	10.30	0.56	8.4	0.70	1.19	0.18	1	600	-s.	-11	-s.	12		
MEAN	-	0.00	0.33	6.10	10.30	0.56	8.4	0.70	1.19	0.18	1	600	0	0	0	12		
DEVIA.	-	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0		
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm		
720427	125	95	12	2	0.02	-	1070	4	46	300	-s.	44	-4	39	4340	630		
MEAN	125	95	12	2	0.02	-	1070	4	46	300	0	44	0	39	4340	630		
DEVIA.	0	0	0	0	0.00	-	0	0	0	0	0	0	0	0	0	0		

1010	MOYOUN	Lambert coord.: 211750 - 134350										WATER				
	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l		
720427	8.0	7.7	354	-	25	94	10.8	9.5	-	6.3	4.5	4	-	-		

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	N.C.H. F	phln. mcg/l	dlt. mg/l	cyan. mcg/l
720427	0.00	-	10.68	2.46	2.46	0.00	0.11	68	36	0.21	28.4	19.2	9.2	7	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720427	1	4	1	24	104	0.83	162	38	2	645	8400	12200	5500	28500

720427 lindane : 9 ng/l; HCB : 7 ng/l;

1020	MEUSE		CMBRET-RAWSA					Lambert coord.: 218300 - 137450				SEDIMENTS					
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %		
720427	21.5	-	-	14.5	15.0	0.30	60.2	60.0	0.20	7.4	7.40	-	8.1	7.8	9.3		
MEAN	21.5	-	-	14.5	15.0	0.30	60.2	60.0	0.20	7.4	7.40	-	8.1	7.8	9.3		
DEVIA.	0.0	-	-	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	-	0.0	0.0	0.0		
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm	
720427	-	0.00	0.33	8.35	4.18	0.53	9.0	1.33	1.49	-	1	210	-s.	-10	-s.	10	
MEAN	-	0.00	0.33	8.35	4.18	0.53	9.0	1.33	1.49	-	1	210	0	0	0	10	
DEVIA.	-	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	-	0	0	0	0	0	0	
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm	
720427	78	65	12	1	0.48	-	910	3	38	190	-s.	22	10	55	1500	550	
MEAN	78	65	12	1	0.48	-	910	3	38	190	0	22	10	55	1500	550	
DEVIA.	0	0	0	0	0.00	-	0	0	0	0	0	0	0	0	0	0	

1020 MEUSE

OMBRET-RAWSA

Lambert coord.: 218300 - 13/450

WATER

	Temp C	pH	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720427	9.5	7.9	346	-	25	94	10.5	8.7	-	5.9	4.6	16	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph n. mcg/l	d t. mg/l	cyan. mcg/l
720427	0.00	-	3.00	1.29	1.29	0.10	0.24	34	38	0.32	18.8	14.5	4.3	0	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
720427	3	0	2	32	280	0.09	84	0	6	173	950	4900	150	250

720427 HCH alpha : 4 ng/l; lindane : 10 ng/l; DDT : 3 ng/l;

1030	MEUSE	FLEMALLE-HAUTE										Lambert coord.: 227350 - 142875					SEDIMENTS				
		H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %					
720427		31.1	-	-	2.5	1.9	0.20	95.4	92.0	3.40	28.0	21.70	-	12.2	10.0	13.2					
720919		19.3	-	-	-	-	-	82.6	-	-	-	-	23.6	4.8	15.8	7.4					
MEAN		25.2	-	-	2.5	1.9	0.20	89.0	92.0	3.40	28.0	21.70	23.6	8.5	12.9	10.3					
DEVIA.		5.9	-	-	0.0	0.0	0.00	6.4	0.0	0.00	0.0	0.00	0.0	3.7	2.9	2.9					
		Fe2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm				
720427		-	0.00	0.44	12.70	5.93	0.72	12.2	1.53	2.17	0.23	2	380	-s.	18	-s.	10				
720919		-	0.00	0.46	9.61	4.68	0.45	17.0	1.90	1.54	0.00	1	350	-s.	-9	-s.	7				
MEAN		-	0.00	0.45	11.15	5.00	0.58	14.6	1.71	1.85	0.11	2	365	0	9	0	9				
DEVIA.		-	0.00	0.01	1.55	0.92	0.13	2.4	0.18	0.31	0.11	1	15	0	5	0	2				
		Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm				
720427		100	73	16	2	1.30	-	1060	3	52	340	-s.	27	470	68	2550	340				
720919		74	100	6	-2	1.98	-s.	910	4	45	230	-s.	17	180	74	2445	405				
MEAN		87	87	11	1	1.64	0	985	3	49	285	0	22	325	71	2498	373				
DEVIA.		13	14	5	1	0.34	0	75	0	4	55	0	5	145	3	53	33				

1030 MEUSE

FLEHALLÉ-HAUTE

Lambert coord.: 227350 - 142875

WATER

	Temp C	pH -	EH mV	K mS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720427	10.0	7.7	352	-	15	8	10.3	8.9	-	5.5	4.8	8	-	-
720919	19.0	7.8	349	-	15	8.8	7.6	6.3	5.9	-	2.7	4	-	-
MEAN	14.5	7.7	350	-	15	46	8.9	7.6	5.9	5.5	3.7	6	-	-
DEVIA.	4.5	0.0	1	-	0	37	1.3	1.3	0.0	0.0	1.0	2	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4=mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph n. mcq/l	d t. mg/l	cyan. mcg/l
720427	0.00	-	8.40	1.62	1.62	0.09	0.21	59	36	1.43	20.0	14.0	6.0	7	0.00	0.0
720919	1.24	0.09	1.17	3.04	4.28	1.69	1.69	72	46	1.42	22.4	16.5	5.9	0	0.70	700
MEAN	0.62	0.09	4.78	2.33	2.95	0.89	0.45	65	41	1.42	21.2	15.2	5.9	3	0.35	349
DEVIA.	0.62	0.00	3.61	0.71	1.33	0.80	0.74	6	5	0.01	1.2	1.3	0.1	3	0.35	349

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
720427	11	0	3	25	158	0.14	74	43	4	210	650	9000	435	140
720919	8	0	0	7	255	0.67	136	10	20	538	2180	4500	1250	270
MEAN	9	0	1	16	206	0.40	105	26	12	374	1415	6750	842	205
DEVIA.	1	0	1	8	48	0.26	31	16	8	164	765	2250	407	65

720427 lindane : 5 ng/l;

720919 HCH alpha : 6 ng/l; lindane : 26 ng/l; heptachlor : 40 ng/l;

1540	MEUSE	OUGREE										Lambert coord.: 232625 - 144875										SEDIMENTS					
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %												
720919	23.0	-	-	-	-	-	84.6	-	-	-	-	9.1	10.0	14.5	17.2												
MEAN	23.0	-	-	-	-	-	84.6	-	-	-	-	9.1	10.0	14.5	17.2												
DEVIA.	0.0	-	-	-	-	-	0.0	-	-	-	-	0.0	0.0	0.0	0.0												
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm											
720919	-	0.00	0.87	8.03	13.40	0.51	14.3	1.55	1.34	-	3	440	-s.	39	220	15											
MEAN	-	0.00	0.87	8.03	13.40	0.51	14.3	1.55	1.34	-	3	440	0	39	220	15											
DEVIA.	-	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	-	0	0	0	0	0	0											
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm											
720919	-	120	7	-2	1.58	-s.	1750	8	100	380	-s.	340	190	170	4950	160											
MEAN	-	120	7	0	1.58	0	1750	8	100	380	0	340	190	170	4950	160											
DEVIA.	-	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0											

1540	MEUSE	OUGREE				Lambert coord.: 232625 - 1448/5						WATER			
	Temp C	pH	EH mV	K mS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l	
720919	18.0	7.1	349	-	40	71	6.6	5.1	3.8	-	6.8	8	-	-	

	N ann. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph/n. mg/l	d/t. mg/l	cyan. mg/l
720919	1.65	0.09	1.17	1.73	3.38	1.52	1.53	68	36	1.53	20.8	15.5	5.3	99	0.70	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Pb mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720919	12	0	6	8	875	0.53	223	8	14	469	14720	34000	6000	2420

720919 HCH alpha : -2 ng/l; lindane : 18 ng/l; heptachlor : 20 ng/l;

1040	MEUSE	LIEGE										Lambert coord.: 235675 - 145900										SEDIMENTS					
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %												
720427	28.8	-	-	1.5	2.5	1.90	94.1	90.9	3.20	69.3	27.50	-	10.5	13.1	14.1												
720919	29.2	-	-	-	-	-	88.5	-	-	-	-	25.0	8.9	14.6	15.1												
MEAN	29.0	-	-	1.5	2.5	1.90	91.3	90.9	3.20	69.3	27.50	25.0	9.7	13.9	14.6												
DEVIA.	0.2	-	-	0.0	0.0	0.00	2.8	0.0	0.00	0.0	0.00	0.0	0.8	0.7	0.5												
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm											
720427	-	0.00	0.49	11.50	6.98	0.69	13.4	1.84	1.54	0.19	2	440	-s.	22	-s.	12											
720919	-	0.00	0.67	10.20	8.34	0.48	15.8	1.52	1.53	0.19	2	410	-s.	26	-s.	13											
MEAN	-	0.00	0.58	10.85	7.66	0.58	14.6	1.68	1.53	0.19	2	425	0	24	0	13											
DEVIA.	-	0.00	0.09	0.65	0.68	0.11	1.2	0.16	0.01	0.00	0	15	0	2	0	1											
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm											
720427	135	83	17	3	1.15	-	1300	6	55	290	-s.	93	70	82	2380	330											
720919	200	110	7	-2	-	-s.	1950	6	80	310	-s.	230	170	110	4470	220											
MEAN	168	97	12	2	1.15	0	1625	6	68	300	0	162	120	96	3425	275											
DEVIA.	33	14	5	1	0.00	0	325	0	13	10	0	69	50	14	1045	55											

1040	MEUSE	LYEGE				Lambert coord.: 235675 - 145900					WATER					
	Temp C	pH -	PH mV	K mcS/cm	Susp.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l		
720427	11.0	7.6	353	-	55	88	9.4	7.7	-	4.9	4.5	8	-	-		
720919	17.5	7.1	309	-	30	69	6.4	5.0	0.2	-	11.7	8	-	-		
MEAN	14.2	7.3	331	-	42	78	7.9	6.3	0.2	4.9	8.1	8	-	-		
DEVIA.	3.2	0.3	22	-	12	9	1.5	1.3	0.0	0.0	3.6	0	-	-		
	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	N.C.H. F	phn. mcg/l	dlt. mg/l	cyan. mcg/l
720427	0.22	-	4.80	1.92	2.14	0.15	0.39	46	34	1.37	19.4	14.5	4.9	0	0.00	0.0
720919	1.57	0.02	3.44	2.79	4.36	0.47	0.47	72	34	3.03	19.6	14.0	5.6	1	1.00	-
MEAN	0.89	0.02	4.12	2.35	3.25	0.31	0.43	59	34	2.20	19.5	14.2	5.2	0	0.50	0.0
DEVIA.	0.67	0.00	0.68	0.44	1.11	0.16	0.04	13	0	0.83	0.1	0.3	0.3	0	0.50	0.0
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl		
720427	11	4	2	25	312	0.13	123	17	11	355	5480	5300	600	4300		
720919	6	0	1	7	778	0.31	173	8	68	502	49700	34000	5600	2650		
MEAN	8	2	4	16	545	0.22	148	12	39	428	27590	19650	3100	3475		
DEVIA.	2	2	2	8	233	0.09	25	4	28	73	22110	14350	2500	825		
720427	HCH alpha :		16 ng/l;		lindane :		14 ng/l;									
720919	HCH alpha :		-2 ng/l;		lindane :		22 ng/l;									

1070 OURTHE

ANGLEUR

Lambert coord.: 237125 - 145675

SEDIMENTS

	H2O %	Cclor Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %
720427	17.9	-	-	-	-	-	44.2	-	-	-	-	-	17.0	2.5	18.5
720919	20.5	-	-	-	-	-	51.8	-	-	-	-	-	11.9	6.6	18.8
730425	23.7	25.2	1.49	-	32.8	0.00	43.4	36.0	7.39	-	-	33.6	9.9	4.9	15.3
740601	26.8	25.2	-	-	-	-	52.2	-	-	-	-	-	11.6	2.0	9.9
MEAN	22.3	25.2	1.49	-	32.8	0.00	47.9	36.0	7.39	-	-	33.6	12.6	4.0	15.6
DEVIA.	3.0	0.0	0.00	-	0.0	0.00	4.1	0.0	0.00	-	-	0.0	2.2	1.8	3.0

	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
720427	-	0.00	0.69	11.05	5.23	0.73	1.3	1.20	1.77	0.85	4	470	-s.	22	140	20
720919	-	0.00	0.82	10.99	5.37	0.74	2.0	1.37	2.24	1.09	8	400	-s.	22	525	20
730425	-	0.00	0.57	12.31	4.66	0.72	2.5	-	2.66	1.22	7	185	-s.	90	900	23
740601	-	-	0.66	10.82	5.27	-	1.7	-	2.03	1.29	3	310	-s.	10	50	16
MEAN	-	0.00	0.68	11.29	5.13	0.73	1.9	1.28	2.17	1.11	6	341	0	36	404	20
DEVIA.	-	0.00	0.07	0.51	0.24	0.01	0.4	0.09	0.28	0.14	2	94	0	27	309	2

	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
720427	390	98	14	2	3.99	-	960	6	53	220	-s.	50	10	32	3390	600
720919	400	51	21	3	4.80	7	630	5	98	560	-s.	67	15	91	4030	480
730425	600	230	30	-5	9.60	40	640	3	140	870	-s.	45	-s.	160	3365	910
740601	220	140	10	1	6.47	1	470	1	58	190	-	29	-	72	3180	360
MEAN	403	130	19	2	6.21	16	675	4	87	460	0	48	8	89	3491	588
DEVIA	99	55	7	1	1.82	16	143	2	32	255	0	11	3	37	269	168

1070	OURTHE	ANGLEUR				Lambert coord.: 237125 - 145675					WATER				
	Temp C	pH -	PH mV	K mS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	RIC mgC/l	
720427	8.0	7.2	356	-	20	97	11.2	10.5	-	7.3	3.9	8	-	-	
720920	11.5	7.0	319	-	25	96	10.2	7.9	6.5	-	6.2	19	-	-	
730507	12.0	7.2	350	198	10	99	10.7	9.7	5.3	-	5.4	7	5.0	15.5	
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MEAN	10.5	7.1	341	198	18	97	10.7	9.4	5.9	7.3	5.2	11	5.0	15.5	
DEVIA.	1.7	0.1	15	0	5	0	0.3	1.0	0.6	0.0	0.8	5	0.0	0.0	

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph n. mcg/l	d t. mg/l	cyan. mcg/l
720427	0.00	-	1.08	2.74	2.74	0.00	0.12	22	23	0.15	7.8	6.0	1.8	0	0.00	0.0
720920	0.19	0.04	1.68	2.69	2.88	0.17	0.20	24	18	0.19	7.4	7.3	0.1	0	2.25	0.0
730507	-	0.02	1.92	-	-	0.40	0.40	28	16	0.16	8.4	4.5	3.9	9	1.00	0.0
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.09	0.03	1.56	2.71	2.81	0.19	0.24	24	19	0.17	7.9	5.9	1.9	3	1.08	0.0
DEVIA.	0.09	0.01	0.32	0.03	0.07	0.14	0.11	2	2	0.02	0.4	1.0	1.3	4	0.78	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Pb mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720427	29	3	20	65	902	0.14	160	14	15	290	1480	10500	5500	2040
720920	57	0	9	16	460	1.04	141	10	31	-	3620	32000	3500	18850
730507	-	-	-	-	-	-	-	-	-	-	16050	22000	19000	14000
740529	2	0	50	22	1143	0.93	114	12	53	356	-	-	-	-
MEAN	29	1	26	34	835	0.70	138	12	33	323	7050	21500	9333	11630
DEVIA.	18	1	15	20	250	0.38	16	1	13	33	6000	7333	6444	6393

720427	HCH alpha :	14 ng/l;	lindane :	10 ng/l;	HCB :	8 ng/l;
720920	HCH alpha :	83 ng/l;	lindane :	37 ng/l;		
730507	Pesticides not measured					
740529	Pesticides not measured					

3630	VISDRE		EUPEN				Lambert coord.: 270475 - 147025						SEDIMENTS					
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %			
740529	26.7	25.2	22.89	-	13.0	0.76	31.5	28.9	2.59	-	-	-	9.7	1.0	8.9			
MEAN	26.7	25.2	22.89	-	13.0	0.76	31.5	28.9	2.59	-	-	-	9.7	1.0	8.9			
DEVIA.	0.0	0.0	0.00	-	0.0	0.00	0.0	0.0	0.00	-	-	-	0.0	0.0	0.0			
	Fe2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm		
740529	-	-	0.10	9.83	-	0.84	0.2	-	1.18	0.01	0	920	2	-s.	-s.	18		
MEAN	-	-	0.10	9.83	-	0.84	0.2	-	1.18	0.01	0	920	2	0	0	18		
DEVIA.	-	-	0.00	0.00	-	0.00	0.0	-	0.00	0.00	0	0	0	0	0	0		
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm		
740529	71	40	13	2	0.57	-s.	740	-2	42	360	-s.	23	-	45	280	390		
MEAN	71	40	13	2	0.57	0	740	0	42	360	0	23	-	45	280	390		
DEVIA.	0	0	0	0	0.00	0	0	0	0	0	0	0	-	0	0	0		

3630 VESDER

WSPEN

Lambert coord.: 270475 - 14/025

WATER

	Temp C	pH	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l		
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph/n. mcg/l	dlt. mg/l	cyan. mcg/l
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl		
740529	4	9	45	14	320	0.22	257	10	0	337	-	-	-	-		
740905	3	6	0	0	810	0.24	178	10	7	220	-	-	-	-		
MEAN	3	7	22	7	565	0.23	217	10	3	278	-	-	-	-		
DEVIA.	0	1	22	7	245	0.01	39	0	3	58	-	-	-	-		

740529 Pesticides not measured

740905 Pesticides not measured

-111-

4580	HELLE	EUPEN								Lambert coord.: 268250 - 146925				SEDIMENTS				
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %			
740905	45.7	14.1	-	-	-	-	62.7	-	-	-	-	-	59.2	6.6	47.1			
MEAN	45.7	14.1	-	-	-	-	62.7	-	-	-	-	-	59.2	6.6	47.1			
DEVIA.	0.0	0.0	-	-	-	-	0.0	-	-	-	-	-	0.0	0.0	0.0			
	F2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm		
740905	-	-	0.82	9.32	-	-	0.7	-	1.02	2.22	1	260	-s.	6	-s.	15		
MEAN	-	-	0.82	9.32	-	-	0.7	-	1.02	2.22	1	260	0	6	0	15		
DEVIA.	-	-	0.00	0.00	-	-	0.0	-	0.00	0.00	0	0	0	0	0	0		
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm		
740905	95	110	8	1	0.44	1	260	2	62	220	-s.	28	-	61	1105	230		
MEAN	95	110	8	1	0.44	1	260	2	62	220	0	28	-	61	1105	230		
DEVIA.	0	0	0	0	0.00	0	0	0	0	0	0	0	-	0	0	0		

4580	HELLE	EUPEN				Lambert coord.: 268250 - 146925					WATER					
	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	FIC mgC/l		
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl		
740905	0	8	3	0	30	0.15	156	29	0	86	-	-	-	-	-	
740918	0	0	0	0	225	0.05	180	55	18	220	-	-	-	-	-	
741002	0	0	13	4	210	0.32	190	96	6	240	-	-	-	-	-	
741024	1	0	3	0	285	0.30	170	29	0	230	-	-	-	-	-	
MEAN	0	2	5	1	187	0.20	174	52	6	194	-	-	-	-	-	
DEVIA.	0	3	4	1	78	0.10	11	23	6	54	-	-	-	-	-	
740905	Pesticides not measured															
740918	Pesticides not measured															
741002	Pesticides not measured															
741024	Pesticides not measured															

4590	VISERE		EUPEN(AVAL HELLE)					Lambert coord.: 268025 - 147100					SEDIMENTS					
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %			
740905	9.1	26.2	-	-	-	-	*****	-	-	-	-	-	4.0	1.5	3.3			
MEAN	9.1	26.2	-	-	-	-	*****	-	-	-	-	-	4.0	1.5	3.3			
DEVIA.	0.0	0.0	-	-	-	-	0.0	-	-	-	-	-	0.0	0.0	0.0			
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm		
740905	-	-	0.22	9.97	-	-	1.9	-	1.48	0.05	0	200	-s.	-s.	-s.	10		
MEAN	-	-	0.22	9.97	-	-	1.9	-	1.48	0.05	0	200	0	0	0	10		
DEVIA.	-	-	0.00	0.00	-	-	0.0	-	0.00	0.00	0	0	0	0	0	0		
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm		
740905	120	110	10	1	0.11	1	220	3	72	65	-s.	26	-	72	510	230		
MEAN	120	110	10	1	0.11	1	220	3	72	65	0	26	-	72	510	230		
DEVIA.	0	0	0	0	0.00	0	0	0	0	0	0	0	-	0	0	0		

4590 VESDRE

EUPEN(AVAL BELLE)

Lambert coord.: 268025 - 147100

WATER

Temp C	pH	EH mV	K mCS/cm	Susp. mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	DOC mgC/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4== mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	N.C.H. F	phln. mg	d/t. mg/l	cyan. mg/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.col. col./ml	Fec.coli. col./dl	Fec.strep col./dl
740905	1	0	0	0	442	0.21	192	4	4	216	-	-	-

740905 Pesticides not measured

1600	VESDRE	MEMBACH										Lambert coord.: 265500 - 145625					SEDIMENTS				
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %						
720919	16.4	-	-	-	-	-	22.1	-	-	-	-	9.2	6.4	3.3	8.3						
730425	8.5	26.2	17.74	-	16.2	5.62	9.8	6.8	3.05	-	-	91.1	4.9	2.1	7.1						
740318	34.6	36.3	10.54	-	20.2	0.70	8.4	0.2	8.22	-	-	-	7.4	2.1	5.3						
740529	17.1	36.2	42.48	-	10.2	0.68	9.9	6.0	3.93	-	-	-	6.5	2.8	6.3						
740905	40.7	25.2	-	-	-	-	65.4	-	-	-	-	-	13.3	2.9	12.0						
MEAN	23.5	31.0	23.59	-	15.6	2.33	23.1	4.3	5.07	-	-	50.1	7.7	2.6	7.8						
DEVIA.	11.3	5.3	12.60	-	3.6	2.19	16.9	2.8	2.10	-	-	40.9	2.2	0.4	1.9						
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm					
720919	-	0.01	0.43	10.30	4.80	0.60	1.5	0.69	1.36	0.25	4	190	-s.	-7	-s.	22					
730425	-	0.00	0.20	8.11	3.87	0.44	3.3	-	1.11	0.25	0	105	-s.	-s.	-s.	9					
740318	-	-	0.46	10.83	3.93	-	0.3	-	1.18	0.94	0	220	-s.	-s.	-s.	13					
740529	-	-	0.17	9.87	3.99	0.57	4.1	-	1.45	0.46	0	710	2	-s.	-s.	24					
740905	-	-	1.13	11.97	-	-	0.3	-	1.51	0.26	-	-	-	-	-	-					
MEAN	-	0.00	0.48	10.22	4.15	0.54	1.9	0.69	1.32	0.43	1	306	1	0	0	17					
DEVIA.	-	0.00	0.26	0.98	0.33	0.06	1.5	0.00	0.14	0.22	1	202	0	0	0	6					
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm					
720919	360	38	11	3	0.14	-s.	700	4	84	360	50	96	20	89	920	450					
730425	110	77	5	-2	0.04	-	1690	-3	130	150	-s.	56	30	22	540	240					
740318	140	130	6	-s.	0.69	-s.	330	1	52	78	-	94	-	37	660	230					
740529	150	210	12	-s.	0.86	-s.	1300	-3	84	420	-s.	57	-	84	830	340					
740905	-	-	-	-	0.46	-	-	-	-	-	-	-	-	-	1830	-					
MEAN	190	116	9	1	0.44	0	1005	1	88	252	17	76	25	58	956	315					
DEVIA.	65	56	3	1	0.28	0	490	1	21	138	11	19	5	29	350	80					

1600	VESDRE	HEMBACH				Lambert coord.: 265500 - 145625					WATER			
	Temp C	pH -	EH mV	K mCS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720920	10.0	5.2	424	-	5	95	10.4	9.1	8.1	-	3.9	2	-	-
730507	7.0	4.7	424	236	20	95	11.7	10.1	-	8.5	3.2	7	3.0	1.5
740321	6.5	5.1	424	120	25	92	11.5	10.6	9.2	-	2.3	19	13.0	0.2
740529	10.5	5.4	-	-	-	93	10.3	9.3	8.3	-	3.8	23	5.0	1.0
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740418	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	8.5	5.1	424	178	16	94	11.0	9.8	8.5	8.5	3.3	12	7.0	0.9
DEVIA.	1.7	0.2	0	58	7	1	0.6	0.6	0.4	0.0	0.5	8	4.0	0.5

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
720920	0.25	0.00	0.96	4.28	4.53	0.10	0.10	26	16	0.28	2.2	2.0	0.2	0	0.70	0.0
730507	0.40	0.06	3.82	0.16	0.56	0.03	0.07	27	10	0.83	3.4	1.8	1.6	4	0.00	0.0
740321	0.09	0.03	6.96	-	-	0.01	-	28	12	0.12	4.8	2.0	2.8	0	0.00	0.0
740529	0.34	0.00	3.54	1.86	2.20	0.02	0.05	25	14	0.00	3.4	2.0	1.4	0	0.02	0.0
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740418	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.27	0.02	3.82	2.10	2.43	0.04	0.07	26	13	0.31	3.4	1.9	1.5	1	0.18	0.0
DEVIA.	0.10	0.02	1.57	1.45	1.40	0.03	0.02	1	2	0.26	0.7	0.1	0.7	1	0.26	0.0

	Cd	Co	Cu	Cu	Fe	Hg	Mn	Ni	Pb	Zn	Tot.count	Tot.coli.	Fec.coli.	Fec.strap
	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	col./ml	col./dl	col./dl	col./dl
720920	10	5	10	112	650	0.13	223	12	15	264	410	11	0	14
730507	4	5	0	47	90	0.00	104	15	20	38	2390	360	315	285
740321	2	6	-	67	265	0.20	120	18	11	320	22500	-	248	70
740529	4	7	23	91	240	0.02	214	14	6	475	5600	0	0	0
740905	1	0	7	160	250	0.17	190	29	3	176	-	-	-	-
740905	1	0	3	8	150	0.20	200	28	0	190	-	-	-	-
740918	0	0	7	75	100	2.20	210	11	0	270	-	-	-	-
741002	0	0	5	21	400	0.00	195	32	16	230	-	-	-	-
741024	1	0	3	0	465	0.00	170	10	0	250	-	-	-	-
740418	-	-	-	-	-	-	-	-	-	-	5900	20	0	2
MEAN	2	2	7	64	290	0.32	180	18	7	245	7360	97	112	74
DEVA.	3	3	7	52	184	0.71	41	8	7	117	6056	131	135	84

720920 lindane : 165 ng/l;
 730507 Pesticides not measured
 740321 lindane : 90 ng/l;
 740529 Pesticides not detectable
 740905 Pesticides not measured
 740905 Pesticides not measured
 740918 Pesticides not measured
 741002 Pesticides not measured
 741024 Pesticides not measured
 740418 Pesticides not measured

1600 VESFEE

MEMBACH

Lambert coord.: 265500 - 145625

HYDROBIOLOGY

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctorina; 640-702: Rotatoria; 703-739: Others.

A: PLANKTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm2

			24	62	73	91	103	139	159	177	178	181	183
720927	721017	B	60	10	30	-	10	5	10	-	-	-	-
740321	740418	B	-	-	-	-	-	-	-	328	-	-	32
740529	740618	B	-	-	-	4	-	-	-	-	40	12	-

			219	220	242	275	276	278	299	300	308	309	352
720927	721017	B	-	10	10	-	-	-	-	-	5	-	10
740321	740418	B	8	-	-	24	-	8	-	8	-	24	-
740529	740618	B	-	4	-	-	8	-	4	-	-	-	-

			355	360	363	372	382	383	468	479	482	487	516
720927	721017	B	20	-	10	70	-	-	-	60	-	20	20
740321	740418	B	-	8	-	-	8	24	256	-	40	-	-
740529	740618	B	-	4	-	-	-	28	296	-	-	8	8

			535	559	562	576	590	611	612	614	631	640	665
720927	721017	B	10	-	5	5	5	-	110	10	15	-	5
740321	740418	B	-	16	-	-	-	-	-	-	-	-	-
740529	740618	B	-	-	-	-	-	16	-	-	-	4	-

704

720927	721017	B	90
740321	740418	B	-
740529	740618	B	-

			Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight mg/m2	Chlor.a mg/m2	Div. SHANNON	Saprobity					%Spec.	%Indiv.
									bo	ao	bm	am	n		
720927	721017	B	25	627	33.6	1.3	3.3	3.9	0.6	1.0	3.4	3.9	1.1	68	56
740321	740418	B	13	790	26.6	25.9	1.1	2.4	0.5	3.5	2.4	1.2	2.5	30	10
740529	740618	B	13	442	5.2	0.3	2.2	1.9	1.1	1.3	0.4	3.0	4.2	53	13

3650	VESDRE		GOE				Lambert coord.: 262450 - 145575						SEDIMENTS					
	H2O %	Coler Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec. S m2/g	LW550 %	LW1000 %	O.M. %			
740529	54.7	25.2	10.39	-	13.8	18.24	10.7	10.7	0.00	-	-	-	43.3	2.7	34.7			
MEAN	54.7	25.2	10.39	-	13.8	18.24	10.7	10.7	0.00	-	-	-	43.3	2.7	34.7			
DEVIA.	0.0	0.0	0.00	-	0.0	0.00	0.0	0.0	0.00	-	-	-	0.0	0.0	0.0			
	F205 %	Cl- %	Tot.S %	Al2O3 %	Fe2C3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm		
740529	-	-	1.10	15.37	2.58	0.47	0.2	-	0.61	13.57	3	430	4	65	-s.	9		
MEAN	-	-	1.10	15.37	2.58	0.47	0.2	-	0.61	13.57	3	430	4	65	0	9		
DEVIA.	-	-	0.00	0.00	0.00	0.00	0.0	-	0.00	0.00	0	0	0	0	0	0		
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm		
740529	510	500	5	-s.	1.15	-s.	140	-3	63	1180	-s.	530	-	41	1275	210		
MEAN	510	500	5	0	1.15	0	140	0	63	1180	0	530	-	41	1275	210		
DEVIA.	0	0	0	0	0.00	0	0	0	0	0	0	0	-	0	0	0		

3650 VESDRE

GOE

Lambert coord.: 262450 - 145575

WATER

	Temp C	pH -	EH mV	K mCS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l		
740525	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	N.C.H. F	ph n. mcq/l	d t. mg/l	cyan. mcg/l
740525	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl		
740525	5	11	34	58	256	0.00	200	16	10	456	-	-	-	-		

740525 Pesticides not measured

3660 VESDRE

LIMBOURG

Lambert coord.: 261500 - 145625

SEDIMENTS

	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
740529	35.3	25.2	7.49	-	26.9	0.42	32.3	20.1	12.13	-	-	-	57.2	6.6	48.7	
740905	21.5	36.3	-	-	-	-	35.1	-	-	-	-	-	9.9	1.3	8.8	
MEAN	28.4	30.7	7.49	-	26.9	0.42	33.7	20.1	12.13	-	-	-	33.5	3.9	28.8	
DEVIA.	6.9	5.5	0.00	-	0.0	0.00	1.4	0.0	0.00	-	-	-	23.6	2.6	19.9	
	F2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
740529	-	-	1.67	11.56	4.50	0.78	0.3	-	1.50	1.70	5	1160	3	40	-s.	33
740905	-	-	0.18	9.46	-	-	0.1	-	1.27	0.93	0	110	-s.	-s.	-s.	15
MEAN	-	-	0.92	10.51	4.50	0.78	0.2	-	1.38	1.31	3	635	2	20	0	24
DEVIA.	-	-	0.74	1.05	0.00	0.00	0.1	-	0.12	0.38	2	525	1	10	0	9
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
740529	340	350	16	-s.	0.93	-s.	340	-3	160	780	-s.	130	-	73	2675	450
740905	180	190	8	1	0.22	1	950	1	50	130	-s.	69	-	44	440	250
MEAN	260	270	12	1	0.57	0	645	0	105	455	0	100	-	59	1558	350
DEVIA.	80	80	4	0	0.35	0	305	0	55	325	0	31	-	15	1117	100

3660	VESDRE	LIMBOURG				Lambert coord.: 261500 - 145625					WATER					
	Temp C	pH -	EH mV	K mcS/cm	Susp.N mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	RIC mgC/l		
740525	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4- mg/l	Cl- mg/l	P- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph/n. mcg/l	d/t. mg/l	cyan. mcg/l
740525	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl		
740525	2	0	11	16	140	0.00	242	10	23	281	-	-	-	-	-	-
740905	2	9	6	19	180	0.28	580	26	32	256	-	-	-	-	-	-
740918	0	0	0	16	110	0.05	340	10	0	230	-	-	-	-	-	-
741002	0	0	0	4	180	0.00	294	0	0	40	-	-	-	-	-	-
741002	0	0	3	10	180	0.00	216	22	4	190	-	-	-	-	-	-
741024	0	0	0	17	430	0.00	170	11	0	230	-	-	-	-	-	-
MEAN	0	1	3	13	203	0.05	307	13	9	204	-	-	-	-	-	-
DEVIA.	1	3	4	5	114	0.11	146	9	14	86	-	-	-	-	-	-
740525	Pesticides not measured															
740905	Pesticides not measured															
740918	Pesticides not measured															
741002	Pesticides not measured															
741002	Pesticides not measured															
741024	Pesticides not measured															

367C RUYFF

LIMBOURG

Lambert coord.: 261025 - 146950

SEDIMENTS

	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %
740529	33.3	24.2	-	-	-	-	69.2	-	-	-	-	-	16.5	6.4	12.8
MEAN	33.3	24.2	-	-	-	-	69.2	-	-	-	-	-	16.5	6.4	12.8
DEVIA.	0.0	0.0	-	-	-	-	0.0	-	-	-	-	-	0.0	0.0	0.0

	F2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
740529	-	-	0.60	10.80	5.45	0.55	3.9	-	1.67	0.43	3	630	2	-s.	-s.	26
MEAN	-	-	0.60	10.80	5.45	0.55	3.9	-	1.67	0.43	3	630	2	0	0	26
DEVIA.	-	-	0.00	0.00	0.00	0.00	0.0	-	0.00	0.00	0	0	0	0	0	0

	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
740529	54	140	13	3	1.52	-s.	850	-4	80	4000	-s.	20	-	92	8550	470
MEAN	54	140	13	3	1.52	0	850	0	80	4000	0	20	-	92	8550	470
DEVIA.	0	0	0	0	0.00	0	0	0	0	0	0	0	-	0	0	0

3670 RUYPT

LIMBOURG

Lambert coord.: 261025 - 146950

WATER

	Temp C	pH	BH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
740525	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
740525	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
740525	1	0	0	11	372	0.09	214	8	10	212	-	-	-	-

740525 Pesticides not measured

1610 VESDRE

LIMBOURG (SURDENTS) Lambert coord.: 25°32'5 - 145°50'

SEDIMENTS

	H2O %	Clcr Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %
720919	21.9	-	-	-	-	-	37.2	-	-	-	-	3.0	9.2	3.5	9.4
730425	32.1	25.2	2.54	-	17.7	0.00	46.7	36.4	10.35	-	-	86.9	14.3	5.1	18.6
740318	55.1	34.2	4.45	-	21.9	0.51	24.5	14.3	10.26	-	-	-	17.6	4.4	15.6
740529	39.8	25.2	-	-	-	-	67.3	-	-	-	-	-	18.7	3.1	16.6
MEAN	37.2	28.2	3.49	-	19.8	0.25	43.9	25.3	10.30	-	-	44.9	15.0	4.0	15.0
DEVIA.	10.2	4.0	0.95	-	2.1	0.25	13.1	11.0	0.05	-	-	41.9	3.2	0.7	2.8

	P2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
720919	-	0.00	1.48	11.81	4.86	0.64	1.4	1.20	1.64	0.26	1	190	-s.	12	-s.	17
730425	-	0.00	2.77	10.90	5.38	0.62	1.9	-	1.42	1.18	4	120	-s.	63	-s.	27
740318	-	-	1.29	14.34	4.39	-	2.2	-	1.40	2.29	2	250	-s.	15	-s.	24
740529	-	-	1.40	11.22	4.28	0.65	1.5	-	1.43	2.58	3	1450	3	75	-s.	13
MEAN	-	0.00	1.73	12.07	4.73	0.64	1.8	1.20	1.47	1.58	2	503	1	41	0	20
DEVIA.	-	0.00	0.52	1.14	0.39	0.01	0.3	0.00	0.08	0.86	1	474	1	28	0	5

	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
720919	150	45	10	3	0.30	-s.	400	2	84	240	-s.	28	35	79	1535	300
730425	320	190	20	-4	0.34	-s.	300	3	160	650	-s.	1425	98	100	2250	585
740318	300	230	8	-s.	1.60	-s.	300	1	110	160	-	70	-	57	2700	230
740529	310	250	13	-s.	141.00	-s.	310	-3	110	630	-s.	75	-	81	2570	380
MEAN	270	179	13	1	35.81	0	328	1	116	420	0	400	67	79	2264	374
DEVIA.	60	67	4	1	52.59	0	36	1	22	220	0	513	32	11	371	109

1610 VESDRE

LIMBOURG (SURDENTS) Lambert coord.: 259325 - 145650

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720920	10.0	6.6	300	-	10	83	9.8	5.3	4.2	-	8.9	64	-	-
730507	8.0	5.0	414	142	20	98	11.7	9.4	9.2	-	2.5	4	5.0	1.5
740321	7.0	6.5	356	181	80	95	11.6	8.9	5.3	-	6.3	26	7.8	6.6
740529	11.0	6.5	-	-	-	98	10.9	8.9	7.1	-	6.6	54	6.8	7.8
740418	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	9.0	6.1	356	161	36	93	11.0	8.1	6.4	-	6.1	37	6.5	5.3
DEVIA.	1.5	0.6	38	19	28	5	0.7	1.4	1.7	-	1.8	22	1.0	2.5

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph/n. mcg/l	d/t. mg/l	cyan. mcg/l
720920	0.27	0.04	1.68	2.04	2.31	0.13	0.13	32	16	0.22	6.6	5.0	1.6	0	0.70	0.0
730507	0.53	0.01	1.15	0.05	0.58	0.02	0.99	48	10	0.23	5.2	1.5	3.7	0	0.00	0.0
740321	0.22	0.11	10.50	-	-	0.02	-	30	12	0.15	7.0	3.5	3.5	0	0.03	0.0
740529	0.37	0.00	5.29	2.43	2.80	0.07	-	32	16	0.14	7.0	3.5	3.5	0	0.11	0.0
740418	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.35	0.04	4.65	1.51	1.90	0.06	0.56	35	13	0.18	6.4	3.4	3.1	0	0.21	0.0
DEVIA.	0.10	0.04	3.24	0.97	0.88	0.04	0.43	6	2	0.04	0.6	0.9	0.7	0	0.25	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Pb mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720920	2	4	20	8	306	0.18	177	18	16	192	14300	65000	18000	20800
730507	3	2	0	15	138	0.00	184	4	22	46	5050	9000	3000	27000
740321	1	4	-	20	327	0.26	192	10	18	330	220000	148000	18000	8000
740529	2	8	0	32	240	0.03	228	21	16	375	3100000	40000	0	3000
740418	-	-	-	-	-	-	-	-	-	-	226000	0	0	2000
MEAN	2	4	6	18	252	0.12	195	13	18	235	713070	52400	7800	12160
DEVIA.	0	1	8	7	63	0.10	16	6	2	116	954772	43280	8160	9392

720920 Pesticides not measured
 730507 Pesticides not measured
 740321 lindane : 90 ng/l;
 740529 Pesticides not detectable
 740418 Pesticides not measured

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: PLANKTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm²

		19	23	24	44	54	66	67	70	89	99	136
720927	721017	B	-	220	6600	-	140	-	-	-	-	-
740321		A	140	-	-	-	20	-	-	-	-	-
740618		A	-	-	640	-	-	20	60	40	120	40
			139	157	178	183	191	220	221	224	242	244
720927	721017	B	10	20	880	-	-	300	-	-	20	-
740321		A	-	60	-	-	180	-	60	-	-	20
740618		A	360	-	20	80	-	-	180	100	-	-
			258	274	275	281	286	290	298	299	300	302
720927	721017	B	20	-	-	20	20	180	20	-	120	80
740321		A	-	-	20	-	-	20	-	140	20	20
740618		A	-	20	40	-	-	100	-	-	220	40
			309	310	319	320	324	331	341	347	351	352
720927	721017	B	360	-	-	20	-	20	-	80	60	-
740321		A	80	-	-	20	-	-	-	60	-	20
740618		A	11360	20	60	20	20	-	20	-	-	-
			358	372	377	383	385	386	388	393	422	423
720927	721017	B	80	1320	80	60	-	20	-	20	60	80
740321		A	40	-	-	-	-	-	20	-	-	-
740618		A	80	-	-	240	40	-	-	-	-	300
			480	482	487	504	516	522	535	541	558	575
720927	721017	B	60	-	180	-	80	-	40	140	40	-
740321		A	-	100	-	20	-	-	-	-	-	20
740618		A	-	-	-	80	20	20	-	-	-	-
			577	590	599	607	612	614				
720927	721017	B	60	20	170	60	410	120				
740321		A	-	-	-	-	-	-				
740618		A	-	-	-	-	-	-				

			Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight mg/17cm2	Chlor.a mg/m2	Div. SHANNON		Saprobity					%Spec.	%Indiv.
									bo	ao	bm	am	v			
720927	721017	B	43	12611	337.5	132.2	8.8	3.1	0.2	1.1	4.4	3.6	0.7	67	74	
740321		A	22	1190	-	-	-	4.0	1.1	4.2	3.3	1.4	0.0	59	59	
740618		A	29	14374	-	-	-	1.6	0.2	0.5	4.8	4.5	0.0	62	88	

4630 VISDRE

VERVIERS (FENOUPRE) Lambert coord.: 257275 - 144725

SEDIMENTS

	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec. S m2/g	LW550 %	LW1000 %	O.M. %
740905	5.8	15.1	-	-	-	-	6.3	-	-	-	-	-	6.5	4.6	6.2
MEAN	5.8	15.1	-	-	-	-	6.3	-	-	-	-	-	6.5	4.6	6.2
DEVIA.	0.0	0.0	-	-	-	-	0.0	-	-	-	-	-	0.0	0.0	0.0

	F2O5 %	Cl- %	Tot. S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
740905	-	-	1.15	12.09	-	-	12.2	-	1.36	1.44	2	340	-s.	-s.	-s.	19
MEAN	-	-	1.15	12.09	-	-	12.2	-	1.36	1.44	2	340	0	0	0	19
DEVIA.	-	-	0.00	0.00	-	-	0.0	-	0.00	0.00	0	0	0	0	0	0

	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
740905	150	160	8	-s.	0.13	1	1750	2	50	800	-	30	-	76	1505	270
MEAN	150	160	8	0	0.13	1	1750	2	50	800	-	30	-	76	1505	270
DEVIA.	0	0	0	0	0.00	0	0	0	0	0	-	0	-	0	0	0

4630 VESDRE

VERVIERS (RENOUPRE) Lambert coord.: 2572/5 - 144725

WATER

	Temp C	pH	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph n. mcg/l	d t. mg/l	cyan. mcg/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
740905	0	0	3	0	312	0.32	330	12	0	92	-	-	-	-
740918	0	0	0	4	170	0.00	180	7	0	105	-	-	-	-
MEAN	0	0	1	2	241	0.16	255	9	0	98	-	-	-	-
DEVIA.	0	0	1	2	71	0.16	75	2	0	6	-	-	-	-

740905 Pesticides not measured

740918 Pesticides not measured

3690	MAMGOMERCUX		VERVIERS				Lambert coord.: 257725 - 142300						SEDIMENTS				
	H2O %	Cclcr Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %		
740529	26.1	24.2	-	-	-	-	45.1	-	-	-	-	-	9.6	2.6	8.7		
MEAN	26.1	24.2	-	-	-	-	45.1	-	-	-	-	-	9.6	2.6	8.7		
DEVIA.	0.0	0.0	-	-	-	-	0.0	-	-	-	-	-	0.0	0.0	0.0		
	Fe2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm	
740529	-	-	0.28	9.57	5.03	0.70	1.7	-	1.55	0.89	2	1420	2	-s.	-s.	23	
MEAN	-	-	0.28	9.57	5.03	0.70	1.7	-	1.55	0.89	2	1420	2	0	0	23	
DEVIA.	-	-	0.00	0.00	0.00	0.00	0.0	-	0.00	0.00	0	0	0	0	0	0	
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm	
740529	120	94	15	2	0.65	-s.	1300	-2	100	590	-s.	19	-	97	700	500	
MEAN	120	94	15	2	0.65	0	1300	0	100	590	0	19	-	97	700	500	
DEVIA.	0	0	0	0	0.00	0	0	0	0	0	0	0	-	0	0	0	

3690 MANGOMBROUX

VERVIERS

Lambert coord.: 257725 - 142300

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l		
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H P	N.C.H. P	ph/n. mcg/l	d/t. mg/l	cyan. mcg/l
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl		
740529	2	7	0	21	170	0.06	57	0	66	275	-	-	-	-		

740529 Pesticides not measured

3700	DISON		VERVIERS					Lambert coord.: 254950 - 143475					SEDIMENTS				
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %		
740529	30.2	14.1	-	-	-	-	41.0	-	-	-	-	-	18.5	4.4	17.5		
MEAN	30.2	14.1	-	-	-	-	41.0	-	-	-	-	-	18.5	4.4	17.5		
DEVIA.	0.0	0.0	-	-	-	-	0.0	-	-	-	-	-	0.0	0.0	0.0		
	F205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm	
740529	-	-	1.35	7.47	3.26	0.40	8.3	-	1.17	1.65	4	1360	5	120	-s.	19	
MEAN	-	-	1.35	7.47	3.26	0.40	8.3	-	1.17	1.65	4	1360	5	120	0	19	
DEVIA.	-	-	0.00	0.00	0.00	0.00	0.0	-	0.00	0.00	0	0	0	0	0	0	
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm	
740529	450	240	11	-s.	0.93	-s.	1200	-3	67	1110	-s.	32	-	84	1360	340	
MEAN	450	240	11	0	0.93	0	1200	0	67	1110	0	32	-	84	1360	340	
DEVIA.	0	0	0	0	0.00	0	0	0	0	0	0	0	-	0	0	0	

3700	DISON	VERVIERS					Lambert coord.: 254950 - 143475					WATER				
	Temp C	pH -	pH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l		
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Pb mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl		
740529	1	0	270	31	672	0.06	500	18	80	587	-	-	-	-	-	-
740905	2	0	500	0	310	0.25	315	0	19	330	-	-	-	-	-	-
740918	0	0	142	22	495	0.22	320	6	71	490	-	-	-	-	-	-
741002	0	0	148	26	140	0.16	314	11	52	130	-	-	-	-	-	-
741024	0	0	400	12	665	0.00	380	13	0	130	-	-	-	-	-	-
MEAN	0	0	292	18	456	0.14	365	9	44	453	-	-	-	-	-	-
DEVIA.	0	0	126	9	185	0.09	59	5	21	178	-	-	-	-	-	-
740529	Pesticides not measured															
740905	Pesticides not measured															
740918	Pesticides not measured															
741002	Pesticides not measured															
741024	Pesticides not measured															

1620	VESDRE		ENSIVAL				Lambert coord.: 253950 - 141120						SEDIMENTS					
	H2C %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu t.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %			
720920	28.5	-	-	-	-	-	53.1	-	-	-	-	1.7	14.3	5.5	19.6			
730425	41.3	25.6	0.70	-	22.0	1.20	55.5	48.7	6.74	-	-	28.8	25.1	4.0	26.4			
740318	61.2	24.2	1.56	-	26.5	0.52	35.8	18.7	17.15	-	-	-	23.2	3.9	19.8			
740529	23.0	25.2	-	-	-	-	44.1	-	-	-	-	-	16.0	1.9	20.0			
MEAN	38.5	25.0	1.13	-	24.3	0.86	47.1	33.7	11.94	-	-	15.2	19.7	3.8	21.5			
DEVIA.	12.7	0.5	0.43	-	2.3	0.34	7.2	15.0	5.20	-	-	13.5	4.5	0.9	2.5			
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm		
720920	-	0.00	0.75	12.21	4.53	0.66	3.7	1.12	1.78	2.10	3	400	-s.	39	-s.	22		
730425	-	0.00	1.04	10.50	4.15	0.61	2.1	-	1.40	2.62	6	145	-s.	157	-s.	37		
740318	-	-	1.41	11.65	3.82	-	2.5	-	1.40	5.00	2	340	-s.	36	-s.	31		
740529	-	-	0.37	11.66	5.73	0.85	2.9	-	1.80	1.23	2	1200	4	37	-s.	23		
MEAN	-	0.00	0.89	11.50	4.56	0.71	2.8	1.12	1.59	2.74	3	521	1	67	0	28		
DEVIA.	-	0.00	0.33	0.50	0.59	0.10	0.5	0.00	0.19	1.13	1	339	1	45	0	6		
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm		
720920	400	72	5	-1	0.31	-s.	1100	2	70	220	-s.	40	55	59	2075	220		
730425	640	175	20	-4	0.30	-s.	550	3	170	810	-s.	81	25	128	3400	640		
740318	720	180	7	-s.	2.16	47	350	1	110	100	-	-	-	50	3470	190		
740529	230	180	16	-s.	1.03	-s.	890	-3	80	870	-s.	68	-	95	1605	440		
MEAN	498	152	12	0	0.55	9	723	1	108	500	0	63	40	83	2638	373		
DEVIA.	183	40	6	0	0.64	8	273	1	33	340	0	15	15	29	798	168		

1620	VESDPE	PNSIVAL				Lambert coord.: 253950 - 141120					WATER				
	Temp C	pH -	PH mV	K mcS/cm	Suspo.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l	
720920	12.0	6.7	296	-	10	85	8.9	6.3	0.3	-	10.6	15	-	-	
730507	9.0	7.0	370	274	30	87	10.1	0.9	0.1	-	10.0	53	6.5	15.5	
740321	7.5	6.8	352	259	110	60	7.2	4.0	0.0	-	1.2	94	13.0	15.6	
740529	13.0	7.0	-	-	-	77	8.9	5.7	2.3	-	11.3	14	10.8	17.0	
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
740418	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MEAN	10.4	6.9	339	266	50	77	8.8	4.7	0.7	-	8.3	45	10.1	16.0	
DEVIA.	2.1	0.1	24	7	40	8	0.8	1.6	0.8	-	3.5	28	2.4	0.6	

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
720920	1.55	0.18	2.05	1.99	3.54	0.24	0.44	44	20	0.25	10.0	9.8	0.2	0	0.30	0.0
730507	2.27	0.21	0.42	4.84	7.11	0.31	0.89	28	16	0.25	8.0	6.3	1.7	14	0.30	0.0
740321	0.45	0.16	12.66	-	-	0.20	-	38	14	0.19	11.4	7.5	3.9	15	0.21	0.0
740529	1.14	0.23	6.12	2.36	3.50	0.34	0.42	39	16	0.18	10.0	7.5	2.5	0	0.32	0.0
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740418	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	1.35	0.19	5.31	3.06	4.72	0.27	0.58	37	16	0.22	9.8	7.8	2.1	7	0.21	0.0
DEVIA.	0.56	0.02	4.08	1.18	1.60	0.05	0.20	4	1	0.03	0.9	1.0	1.1	7	0.10	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720920	7	1	47	10	445	0.07	200	12	30	150	38100	180000	176000	62500
730507	4	2	0	31	260	0.00	480	6	101	65	62300	853000	393000	409000
740321	1	4	-	25	492	0.27	228	14	16	300	370000	290000	150000	20000
740529	0	0	50	14	50	0.51	185	8	0	293	776000	480000	250000	40000
740905	0	0	36	0	258	0.30	220	10	0	84	-	-	-	-
740918	0	0	58	37	195	0.75	185	10	25	200	-	-	-	-
740418	-	-	-	-	-	-	-	-	-	-	280000	250000	20000	10000
MEAN	2	1	38	19	283	0.32	249	10	28	182	305280	410000	197800	108300
DEVIA.	3	1	16	13	163	0.28	114	2	37	100	214176	204000	98960	120280

720920	HCH alpha :	30 ng/l;	lindane :	120 ng/l;
730507	Pesticides not measured			
740321	HCH alpha :	15 ng/l;	lindane :	60 ng/l;
740529	HCH alpha :	11 ng/l;	HCH beta :	33 ng/l;
740905	Pesticides not measured		lindane :	60 ng/l;
740918	Pesticides not measured		dieldrin :	-4 ng/l;
740418	Pesticides not measured			

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: PLANKTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm²

		19	25	28	44	52	66	89	90	91	99	116
740321	A	580	-	-	20	40	80	120	-	-	-	20
740418	A	240	20	-	-	-	-	20	-	40	20	-
740529 740618	B	-	-	24	-	-	-	-	6	-	-	-
		133	139	157	178	182	220	221	225	240	258	274
740321	A	-	20	60	120	-	20	300	20	-	20	20
740418	A	80	-	-	-	100	-	20	60	-	-	100
740529 740618	B	-	18	-	18	12	90	-	-	12	212	-
		275	283	285	290	292	299	300	302	303	306	309
740321	A	-	-	-	80	20	340	140	40	20	20	-
740418	A	20	-	40	40	-	20	100	-	-	-	-
740529 740618	B	-	30	-	96	6	12	-	30	-	-	6
		309	310	317	318	320	323	325	341	345	347	352
740321	A	100	40	-	-	-	-	-	20	-	80	60
740418	A	120	-	980	-	20	-	-	-	-	-	-
740529 740618	B	1200	-	162	6	6	12	6	-	12	36	-
		355	358	372	380	383	388	422	449	453	468	482
740321	A	-	60	-	-	20	20	20	20	20	-	140
740418	A	-	-	20	40	280	-	-	60	-	-	-
740529 740618	B	72	30	-	-	30	-	-	6	-	60	-
		487	504	516	520	529	534	535	541	559	566	576
740321	A	-	40	20	-	-	-	-	-	-	-	-
740418	A	-	-	80	-	-	20	-	-	-	-	-
740529 740618	B	24	-	30	24	18	-	6	12	24	48	36
		577	590	607	611	612	617	660	695	704		
740321	A	-	-	-	60	-	-	-	-	-	-	-
740418	A	-	-	-	-	-	20	-	-	20	-	-
740529 740618	B	66	12	6	-	144	-	6	6	30	-	-

		Number Species	Number Indiv.	Drv-Asfree mg/17cm2	Weight mg/m2	Chlor.a mg/m2	Div. SHANNON	Saprobity					%Spec.	%Indiv.
								bo	ao	bm	am	p		
740321	A	36	2837	-	-	-	4.3	2.2	2.5	2.7	2.2	0.4	63	51
740418	A	28	2593	-	-	-	3.6	0.1	0.6	3.0	5.3	1.0	46	58
740525 740618	B	43	2723	48.7	36.5	2.8	3.6	0.7	0.8	3.4	4.3	0.8	76	91

4660	VESDPE		WEGNEZ				Lambert coord.: 253650 - 141175						SEDIMENTS					
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %			
740905	20.9	25.2	-	-	-	-	40.7	-	-	-	-	-	8.8	0.6	8.4			
MEAN	20.9	25.2	-	-	-	-	40.7	-	-	-	-	-	8.8	0.6	8.4			
DEVIA.	0.0	0.0	-	-	-	-	0.0	-	-	-	-	-	0.0	0.0	0.0			
	Fe2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm		
740905	-	-	0.34	6.98	-	-	2.1	-	1.16	2.01	2	290	-s.	18	-s.	6		
MEAN	-	-	0.34	6.98	-	-	2.1	-	1.16	2.01	2	290	0	18	0	6		
DEVIA.	-	-	0.00	0.00	-	-	0.0	-	0.00	0.00	0	0	0	0	0	0		
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm		
740905	150	83	6	1	0.94	1	400	1	37	190	-	31	-	48	890	700		
MEAN	150	83	6	1	0.94	1	400	1	37	190	-	31	-	48	890	700		
DEVIA.	0	0	0	0	0.00	0	0	0	0	0	-	0	-	0	0	0		

4660 VFSDRE

WEGNEZ

Lambert coord.: 253650 - 141175

WATER

	Temp C	pH -	pH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
740905	8	5	240	20	378	0.48	430	22	35	840	-	-	-	-
740905	9	5	350	33	362	0.40	370	25	26	850	-	-	-	-
740918	4	0	200	91	305	0.05	370	19	90	1120	-	-	-	-
741002	1	0	34	36	360	0.00	216	17	14	320	-	-	-	-
741024	1	0	1	5	560	0.00	200	3	5	260	-	-	-	-
MEAN	4	2	165	37	393	0.19	317	17	34	678	-	-	-	-
DEVIA.	3	2	117	21	66	0.20	87	5	22	310	-	-	-	-

740905 Pesticides not measured
 740905 Pesticides not measured
 740918 Pesticides not measured
 741002 Pesticides not measured
 741024 Pesticides not measured

1630	VESDRE	PEPINSTER				Lambert coord.: 251575 - 140900						WATER					
	Temp C	pH -	EH mV	K mS/cm	Susp.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l			
720920	11.5	6.8	364	-	40	64	6.8	0.7	0.1	-	10.0	98	-	-			
730507	10.0	6.4	369	322	30	81	4.2	0.1	0.0	-	9.1	122	6.0	10.0			
740321	8.0	6.8	346	276	180	79	4.5	0.0	0.0	-	5.0	278	21.2	22.4			
740418	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
740529	13.0	7.4	-	-	-	18	2.0	0.0	0.0	-	62.4	134	25.0	33.0			
MEAN	10.6	6.8	359	299	83	61	6.9	0.2	0.0	-	21.6	158	17.4	21.8			
DEVIA.	1.6	0.3	9	23	64	21	2.5	0.3	0.0	-	20.4	60	7.6	7.9			
	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l	
720920	3.25	0.66	1.51	2.60	5.85	0.17	1.02	58	22	0.20	10.0	10.0	0.0	51	0.30	0.0	
730507	3.36	0.00	0.00	4.87	8.23	0.17	0.40	103	18	0.18	10.8	5.0	5.8	0	2.90	0.0	
740321	1.07	0.08	12.88	-	-	0.32	-	44	14	0.15	10.2	8.0	2.2	3	0.45	0.0	
740418	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
740529	2.56	0.59	4.97	4.74	7.30	0.76	0.92	80	26	0.19	10.6	10.6	0.0	0	0.88	0.0	
MEAN	2.56	0.33	4.84	4.07	7.13	0.50	0.78	71	20	0.18	10.4	8.4	2.0	13	1.13	0.0	
DEVIA.	0.75	0.29	4.08	0.98	0.85	0.26	0.25	20	4	0.02	0.3	1.9	2.0	18	0.88	0.0	
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl			
720920	7	1	49	19	495	0.70	218	15	27	165	82400	204000	92000	75000			
730507	29	6	0	37	420	0.00	805	15	104	105	336000	540000	260000	210000			
740321	2	6	-	36	510	0.13	265	15	27	400	642000	540000	170000	60000			
740418	-	-	-	-	-	-	-	-	-	-	620000	400000	200000	224000			
740529	0	6	116	30	200	0.12	185	33	66	462	5200000	15600000	1200000	360000			
MEAN	9	4	55	30	406	0.24	368	19	56	283	1376080	3456800	384400	185800			
DEVIA.	9	1	40	5	103	0.23	218	6	29	148	1529568	4857280	326240	94640			
720920	HCH alpha :		100 ng/l;		HCH beta :		120 ng/l;		lindane :		52 ng/l;						
730507	Pesticides not measured																
740321	HCH alpha :		66 ng/l;		lindane :		100 ng/l;		HCH delta :		33 ng/l;						
740418	Pesticides not measured																
740529	HCH alpha :		50 ng/l;		HCH beta :		51 ng/l;		lindane :		30 ng/l;		dieldrin :		33 ng/l;		

1630 VESDRE

PEPINSTER

Lambert coord.: 251575 - 140900

HYDROBIOLOGY

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: FIANTCN number individuals x 100/l

B: PEPHYTON number individuals x 100/17cm2

		54	66	67	74	84	133	136	139	157	178	183
740321	A	-	-	120	-	40	-	-	-	40	-	80
740418	A	-	80	-	-	-	120	80	40	20	-	-
740529 740618	B	12	-	-	24	-	6	-	-	-	180	-
		202	220	221	258	259	262	275	283	290	295	299
740321	A	-	-	200	-	-	-	40	-	40	40	280
740418	A	-	-	20	-	40	-	-	-	-	-	-
740529 740618	B	6	24	-	66	-	6	-	12	36	-	-
		300	306	309	318	320	323	325	342	347	354	355
740321	A	200	20	40	-	40	-	-	40	20	-	-
740418	A	-	-	720	-	-	-	-	-	40	-	-
740529 740618	B	36	6	408	6	-	12	6	-	24	6	12
		358	377	380	383	449	468	482	487	502	504	516
740321	A	40	40	-	200	-	20	40	-	40	-	40
740418	A	40	-	200	2360	40	-	-	-	-	-	40
740529 740618	B	18	-	-	18	-	-	-	18	-	6	-
		522	529	535	559	562	577	594	611	612	617	703
740321	A	20	-	-	-	-	-	-	-	-	20	-
740418	A	-	-	-	-	-	-	-	80	-	120	40
740529 740618	B	-	366	78	18	6	12	6	-	36	-	-
		704										
740321	A	-										
740418	A	-										
740529 740618	B	6										

		Number Species	Number Indiv.	Dry-Astree mg/17cm2	Weight	Chlor.a mg/m2	Div. SHANNON	Saprobity					%Spec.	%Indiv.
								bo	ao	hm	am	n		
740321	A	24	1711	-	-	-	4.0	1.9	2.4	3.8	1.7	0.2	62	61
740418	A	17	4088	-	-	-	2.3	0.1	0.7	3.5	4.9	0.7	64	30
740529 740618	B	31	1491	9.1	6.5	4.7	2.5	0.3	0.5	2.6	5.9	0.7	67	79

1640	HOEGNE		PEPINSTER				Lambert coord.: 251425 - 140600						SEDIMENTS					
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %			
720920	9.1	-	-	-	-	-	23.9	-	-	-	-	6.8	4.7	7.6	4.9			
730425	6.5	26.2	2.39	-	13.5	1.61	11.3	7.8	3.51	-	-	26.4	3.8	5.0	5.3			
MEAN	7.8	26.2	2.39	-	13.5	1.61	17.6	7.8	3.51	-	-	16.6	4.3	6.3	5.1			
DEVIA.	1.3	0.0	0.00	-	0.0	0.00	6.3	0.0	0.00	-	-	9.8	0.5	1.3	0.2			
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm		
720920	-	0.00	0.32	9.61	5.60	0.67	4.9	2.55	1.80	0.10	1	280	-s.	-4	-s.	11		
730425	-	0.00	0.13	9.50	5.76	0.68	2.5	-	1.86	0.05	3	140	-s.	-s.	-s.	24		
MEAN	-	0.00	0.22	9.55	5.68	0.67	3.7	2.55	1.83	0.08	2	210	0	0	0	18		
DEVIA.	-	0.00	0.09	0.05	0.08	0.00	1.2	0.00	0.03	0.02	1	70	0	0	0	7		
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm		
720920	40	54	6	0	0.10	-s.	1730	2	38	230	-s.	27	30	38	1020	230		
730425	120	63	25	-4	0.05	-s.	1520	1	100	625	-s.	38	15	147	960	575		
MEAN	80	59	16	0	0.07	0	1625	2	69	428	0	33	23	93	990	403		
DEVIA.	40	5	10	0	0.02	0	105	1	31	198	0	6	8	55	30	173		

1640	HORGNE	PEPINSTE				Lambert coord.: 251425 - 140600					WATER					
	Temp C	pH -	EH mV	K mcS/cm	Susp.N mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l		
720920	10.5	6.9	349	-	5	96	10.4	8.1	8.0	-	3.9	4	-	-		
730507	10.0	6.4	354	322	20	96	10.9	8.6	6.0	-	4.4	4	2.0	14.0		
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MEAN	10.2	6.4	351	322	12	96	10.6	8.6	7.0	-	4.4	4	2.3	14.0		
DEVIA.	0.3	0.0	2	0	7	0	0.3	1.1	1.0	-	0.5	0	0.0	0.0		
	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4=mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	N.C.H. F	ph/n. mcq/l	dlt. mg/l	cyan. mcq/l
720920	0.09	0.00	1.88	2.79	2.88	0.07	0.04	20	12	0.16	5.8	5.8	0.0	0	1.30	0.0
730507	0.00	0.01	1.39	2.81	2.81	0.06	0.07	26	10	0.18	8.0	6.5	1.5	0	0.00	0.0
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.04	0.00	1.63	2.80	2.85	0.06	0.08	23	11	0.17	6.4	6.1	0.8	0	0.65	0.0
DEVIA.	0.04	0.00	0.24	0.01	0.03	0.00	0.01	3	1	0.01	1.1	0.4	0.8	0	0.65	0.0
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl		
720920	6	0	0	3	327	1.55	82	0	10	110	1985	18000	4000	8700		
730507	0	3	0	6	74	0.00	60	4	8	21	10230	49000	22900	28700		
740905	0	0	10	0	120	0.24	75	0	0	16	-	-	-	-		
MEAN	2	1	3	3	173	0.61	72	1	6	49	6107	33500	13450	18700		
DEVIA.	3	1	4	2	102	0.62	8	1	4	40	4122	15500	9450	10000		
720920 HCH alpha : 10 ng/l; lindane : 60 ng/l;																
730507 Pesticides not measured																
740905 Pesticides not measured																

SEDIMENTS

PEPINSTER(AVAL HOE Lambert coord.: 250125 - 140475

4690 VISDRF

	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.s n2/g	LW550 %	LW1000 %	O.M. %	
720920	8.6	-	-	-	-	-	24.9	-	-	-	-	5.2	6.4	4.8	11.3	
730425	22.8	25.2	19.37	-	21.5	0.00	15.4	7.3	8.10	-	-	46.4	12.7	4.9	16.2	
740318	20.3	34.2	6.56	-	17.7	0.68	19.7	4.1	10.56	-	-	-	5.9	3.3	3.5	
740529	27.5	14.1	-	-	-	-	47.4	-	-	-	-	-	21.9	8.6	20.3	
MEAN	19.8	24.5	12.96	-	19.6	0.34	26.8	5.7	9.33	-	-	25.8	11.7	5.4	12.8	
DEVIA.	5.6	6.9	6.40	-	1.9	0.34	10.3	1.6	1.23	-	-	20.6	5.6	1.6	5.4	
	P205 %	Cl- %	Tot.S %	Al203 %	Fe203 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
720920	-	0.00	1.47	9.59	4.20	0.63	3.4	1.60	1.57	0.90	1	420	-s.	13	-s.	12
730425	-	0.00	0.47	9.44	5.09	0.65	3.1	-	1.55	0.74	3	150	-	50	-s.	22
740318	-	-	0.44	11.53	7.19	-	2.6	-	1.43	0.44	1	360	-s.	-s.	-s.	18
740529	-	-	1.00	11.43	3.47	0.41	7.9	-	1.48	2.13	4	1600	5	70	-s.	24
MEAN	-	0.00	0.84	10.50	4.99	0.56	4.2	1.60	1.51	1.05	2	633	2	33	0	19
DEVIA.	-	0.00	0.39	0.98	1.15	0.10	1.8	0.00	0.05	0.54	1	484	1	18	0	4
	Cr Fim	Cu ppm	Ga ppm	Ge ppm	Hg Fim	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
720920	150	62	5	-1	0.23	-s.	1120	1	40	130	-s.	26	45	44	1365	290
730425	255	190	17	-4	0.43	-s.	1040	2	100	480	-s.	45	40	145	1530	650
740318	110	150	8	-s.	1.83	-s.	930	1	54	120	-	120	-	78	1395	310
740529	230	190	13	-s.	1.15	-s.	1160	-3	85	890	-s.	27	-	130	1790	260
MEAN	186	148	11	0	0.51	0	1063	1	70	405	0	55	43	99	1520	378
DEVIA.	56	43	4	0	0.58	0	78	0	23	280	0	33	3	38	140	136

4690 VESDPE

PEPINSTER (AVAL ROE Lambert coord.: 250125 - 140475

WATERP

	Temp C	pH -	EH mV	K mcs/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlr. mg/l	cyan. mcg/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
740905	0	0	26	0	318	0.17	215	11	3	228	-	-	-	-
740918	0	0	49	19	550	0.00	160	8	37	370	-	-	-	-
MEAN	0	0	37	9	434	0.08	187	4	20	299	-	-	-	-
DEVIA.	0	0	11	9	116	0.08	27	1	17	71	-	-	-	-

740905 Pesticides not measured

740918 Pesticides not measured

4700 VESDRE

FRAIPONT(GOPFONTAI Lambert coord.: 248700 - 140425

WATER

	Temp C	pH -	PH mV	K mcS/cm	Susp.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	RIC mgC/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph/n. mcg/l	d/t. mg/l	cyan. mcg/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
740905	0	0	41	0	500	0.16	220	7	3	186	-	-	-	-
740918	0	0	58	5	555	0.05	200	7	20	190	-	-	-	-
741002	0	0	7	14	250	0.00	148	5	5	140	-	-	-	-
741024	0	0	0	0	310	0.04	100	0	0	140	-	-	-	-
MEAN	0	0	26	4	403	0.06	167	4	7	164	-	-	-	-
DEVIA.	0	0	23	4	123	0.05	43	2	6	24	-	-	-	-

740905 Pesticides not measured
740918 Pesticides not measured
741002 Pesticides not measured
741024 Pesticides not measured

4880	VESDRE		NESSONVAUX					Lambert coord.: 246875 - 141100					SEDIMENTS					
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %			
740905	7.6	15.1	-	-	-	-	9.0	-	-	-	-	-	8.6	1.4	8.2			
MEAN	7.6	15.1	-	-	-	-	9.0	-	-	-	-	-	8.6	1.4	8.2			
DEVIA.	0.0	0.0	-	-	-	-	0.0	-	-	-	-	-	0.0	0.0	0.0			
	Fe2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm		
740905	-	-	0.51	11.42	-	-	1.1	-	1.71	1.75	1	180	-s.	-s.	-s.	18		
MEAN	-	-	0.51	11.42	-	-	1.1	-	1.71	1.75	1	180	0	0	0	18		
DEVIA.	-	-	0.00	0.00	-	-	0.0	-	0.00	0.00	0	0	0	0	0	0		
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm		
740905	81	73	9	-s.	0.23	1	1500	0	58	150	-	31	-	73	960	200		
MEAN	81	73	9	0	0.23	1	1500	0	58	150	-	31	-	73	960	200		
DEVIA.	0	0	0	0	0.00	0	0	0	0	0	-	0	-	0	0	0		

4380 YESDFE

NIPSSONVAHX

Lambert coord.: 246875 - 141100

WATER

	Temp C	pH -	PH mV	K mCS/cm	Su3b.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVI A.	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVI A.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
740918	0	0	20	54	310	0.17	205	8	39	260	-	-	-	-
741002	0	0	59	10	305	0.28	168	0	0	140	-	-	-	-
741024	0	0	1	0	360	0.00	105	5	0	140	-	-	-	-
MEAN	0	0	26	21	325	0.15	159	4	13	180	-	-	-	-
DEVI A.	0	0	21	21	23	0.10	36	2	17	53	-	-	-	-

740918 Pesticides not measured

741002 Pesticides not measured

741024 Pesticides not measured

1650	VESDRE	PORET				Lambert coord.: 243575 - 140825					WATER				
	Temp C	pH	ER mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	FIC mgC/l	
720920	10.5	6.9	344	-	120	84	9.8	4.5	1.0	-	13.9	26	-	-	
730507	10.0	7.1	344	180	40	93	10.6	8.4	4.4	-	6.2	4	2.5	18.0	
740321	8.0	6.8	334	216	120	89	10.7	6.4	0.0	-	8.4	79	8.2	15.4	
740418	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
740529	14.0	7.3	-	-	-	65	6.8	3.3	1.8	-	8.0	38	14.0	30.2	
MEAN	10.6	7.0	340	198	93	83	9.5	5.6	1.8	-	9.1	36	8.2	21.2	
DEVIA.	1.7	0.2	4	18	35	8	1.3	1.7	1.3	-	2.4	21	3.8	6.0	

	N amn. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
720920	0.36	0.10	1.91	3.26	3.62	0.13	0.41	40	16	0.21	9.6	9.6	0.0	0	0.70	0.0
730507	0.60	0.02	2.10	2.21	2.81	0.07	0.07	38	18	0.18	11.6	8.5	3.1	0	0.00	6.0
740321	0.28	0.14	11.33	-	-	0.08	-	34	12	0.15	8.6	4.5	4.1	0	0.00	100.0
740418	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740529	0.91	0.53	2.30	4.99	5.90	0.29	0.52	45	18	0.18	15.6	14.0	1.6	0	0.27	0.0
MEAN	0.54	0.20	4.41	3.49	4.11	0.14	0.33	39	16	0.18	11.3	9.1	2.2	0	0.24	25.0
DEVIA.	0.22	0.17	3.46	1.00	1.19	0.07	0.18	3	2	0.02	2.2	2.6	1.4	0	0.24	37.5

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
720920	3	2	21	9	650	1.40	282	8	21	165	8000	28000	3000	17850
730507	10	4	0	9	160	0.05	520	4	8	31	19200	19000	15000	21000
740321	1	3	-	18	450	0.16	178	10	16	-	372000	180000	83000	16000
740418	-	-	-	-	-	-	-	-	-	-	21000	60000	60000	2000
740529	47	9	21	14	240	0.05	314	17	0	312	67000	340000	20000	13000
MEAN	15	4	14	12	375	0.41	323	9	11	169	97440	125400	36200	13970
DEVIA.	15	2	9	3	175	0.49	98	3	7	95	109824	107680	28240	5176

720920	HCH alpha :		205 ng/l;		lindane :		41 ng/l;					
730507	Pesticides not measured											
740321	HCH alpha :		40 ng/l;		lindane :		60 ng/l;					
740418	Pesticides not measured											
740529	HCH beta :		20 ng/l;		lindane :		-4 ng/l;		dieldrin :		28 ng/l;	

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: PLANKTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm²

		24	25	31	44	73	74	91	100	102	104	107
720927	721017	B	800	-	-	40	-	40	-	-	-	-
740321		A	140	-	-	-	-	-	-	-	-	-
740418		A	120	-	40	-	60	-	-	20	-	-
740529	740618	B	168	12	6	-	-	-	12	-	12	12
			139	157	178	202	220	221	225	234	248	258
720927	721017	B	-	-	360	-	80	-	-	40	-	60
740321		A	-	40	20	-	20	60	-	-	20	-
740418		A	20	180	140	40	580	-	20	-	-	20
740529	740618	B	-	-	198	-	66	-	-	-	24	6
			275	286	289	290	292	298	299	300	302	306
720927	721017	B	-	80	-	180	-	-	-	480	-	-
740321		A	20	-	-	20	-	-	-	-	180	20
740418		A	-	-	20	160	-	-	140	520	-	40
740529	740618	B	-	-	-	102	6	66	54	18	48	18
			309	310	317	318	324	325	341	347	351	352
720927	721017	B	-	60	1160	40	-	-	-	140	560	30
740321		A	20	-	-	-	20	-	20	-	-	-
740418		A	5960	920	-	-	-	-	-	40	-	-
740529	740618	B	2121	-	-	6	-	6	6	12	-	-
			358	372	377	382	383	385	425	434	442	449
720927	721017	B	40	320	-	-	-	-	20	20	-	40
740321		A	40	-	20	-	20	-	-	-	-	-
740418		A	40	-	-	480	2820	20	-	-	20	-
740529	740618	B	144	-	-	196	6	-	-	-	-	-
			468	485	487	504	516	520	529	535	550	558
720927	721017	B	-	-	360	-	120	40	1390	20	-	-
740321		A	60	-	-	40	-	-	-	-	-	-
740418		A	-	-	-	-	80	-	-	80	-	40
740529	740618	B	-	24	-	6	-	-	1155	-	60	-

			562	576	577	590	611	612	614	630	631	652	695
720927	721017	B	-	-	20	-	-	380	120	-	-	-	-
740321		A	-	-	-	-	-	-	-	-	-	-	-
740418		A	-	-	-	-	440	-	-	-	-	-	-
740529	740618	B	42	12	-	12	-	780	-	18	12	6	6

			704	731	735
720927	721017	B	50	5	45
740321		A	-	-	-
740418		A	20	-	-
740529	740618	B	24	-	-

		Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight	Chlor.a mg/m2	Div. SHANNON	Saprobity					%Spec.	%Indiv.
								bo	ao	bm	am	v		
720927	721017	B	34	7236	171.4	11.6	3.9	0.0	0.5	3.0	5.2	1.3	67	68
740321		A	18	788	-	-	3.7	0.6	0.9	3.7	4.8	0.0	66	76
740418		A	30	13214	-	-	2.8	0.2	0.5	3.6	5.0	0.7	73	68
740529	740618	B	42	5538	26.1	20.4	3.1	0.1	0.5	4.0	4.9	0.5	73	90

4710 VESDRE

FORCET (AMCMT PRAYO Lambert coord.: 243075 - 141450

SEDIMENTS

	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %
720920	3.9	-	-	-	-	-	9.2	-	-	-	-	3.7	1.8	7.6	2.0
730425	3.0	26.2	0.32	-	36.1	0.00	17.9	12.0	5.92	-	-	34.8	2.2	6.7	3.1
740601	23.5	26.2	-	-	-	-	56.3	-	-	-	-	-	6.9	7.0	5.9
MEAN	10.1	26.2	0.32	-	36.1	0.00	27.8	12.0	5.92	-	-	19.2	3.6	7.1	3.7
DEVIA.	8.9	0.0	0.00	-	0.0	0.00	19.0	0.0	0.00	-	-	15.5	2.2	0.4	1.5

	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
720920	-	0.00	0.28	13.52	4.27	0.76	4.6	2.85	3.74	0.01	0	300	-s.	-13	-s.	14
730425	-	0.00	0.17	11.69	4.02	0.68	3.8	-	3.53	0.07	1	180	-s.	-s.	-s.	17
740601	-	-	0.30	14.03	3.69	0.77	4.7	-	3.46	1.29	2	1120	2	30	-s.	14
MEAN	-	0.00	0.25	13.08	3.99	0.74	4.4	2.85	3.58	0.46	1	533	1	10	0	15
DEVIA.	-	0.00	0.05	0.93	0.20	0.04	0.4	0.00	0.11	0.56	1	391	0	7	0	1

	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
720920	10	70	18	-2	0.04	-s.	380	-1	50	190	-s.	11	30	79	515	620
730425	160	52	28	-4	0.14	-s.	540	-s.	83	390	-s.	24	17	140	765	930
740601	290	55	15	-s.	0.71	-s.	540	8	49	210	-s.	11	-	87	936	380
MEAN	153	59	20	0	0.30	0	487	3	61	263	0	15	24	102	739	643
DEVIA.	96	7	5	0	0.27	0	71	2	15	84	0	6	7	25	149	191

4710 VESDRE

FORCET (AMONT PRAYO Lambert coord.: 243075 - 141450

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcq/l	d/t. mg/l	cyan. mcg/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
740905	0	0	15	0	260	0.18	260	4	0	84	-	-	-	-
740918	0	0	25	10	80	0.00	205	0	9	105	-	-	-	-
741002	0	0	21	5	360	0.00	216	6	0	130	-	-	-	-
741002	0	0	25	79	190	0.00	108	65	0	120	-	-	-	-
741024	0	0	1	0	540	0.03	140	7	0	130	-	-	-	-
741024	0	0	0	6	545	0.04	135	5	0	140	-	-	-	-
MEAN	0	0	14	16	329	0.04	177	14	1	118	-	-	-	-
DEVIA.	0	0	11	30	188	0.07	58	24	3	20	-	-	-	-

740905 Pesticides not measured
740918 Pesticides not measured
741002 Pesticides not measured
741002 Pesticides not measured
741024 Pesticides not measured
741024 Pesticides not measured

4720 VESDRE

PORCET(AVAL PRAYON Lambert coord.: 241750 - 141900

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph n. mcg/l	d t. mg/l	cyan. mcg/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
740905	40	0	10	0	216	0.38	260	7	0	1170	-	-	-	-
740918	0	0	28	16	160	0.00	220	0	11	160	-	-	-	-
741002	1	0	38	10	350	0.00	212	5	8	120	-	-	-	-
741002	80	0	35	52	570	1.00	455	11	150	1500	-	-	-	-
741024	0	0	0	0	550	0.00	120	5	0	150	-	-	-	-
741024	8	0	0	0	565	0.08	350	56	0	290	-	-	-	-
MEAN	21	0	18	13	401	0.24	279	14	28	565	-	-	-	-
DEVIA.	32	0	17	20	185	0.40	114	20	59	608	-	-	-	-

740905 Pesticides not measured
740918 Pesticides not measured
741002 Pesticides not measured
741002 Pesticides not measured
741024 Pesticides not measured
741024 Pesticides not measured

3740 VESDRE		FORCET (ROCHETTE)					Lambert coord.: 240900 - 142750					SEDIMENTS					
	H2C %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %		
740318	31.7	25.2	4.40	-	37.4	3.69	20.7	10.5	10.17	-	-	-	9.8	9.5	8.5		
740601	32.6	26.2	-	-	-	-	67.2	-	-	-	-	-	10.0	5.0	8.9		
MEAN	32.1	25.7	4.40	-	37.4	3.69	43.9	10.5	10.17	-	-	-	9.9	7.3	8.7		
DEVIA.	0.5	0.5	0.00	-	0.0	0.00	23.2	0.0	0.00	-	-	-	0.1	2.2	0.2		
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm	
740318	-	-	0.49	13.47	4.25	-	4.3	-	2.68	0.66	1	320	-s.	-s.	-s.	13	
740601	-	-	1.45	14.09	4.25	0.70	4.3	-	2.76	1.04	5	990	1	50	400	19	
MEAN	-	-	0.97	13.78	4.25	0.70	4.3	-	2.72	0.85	3	655	1	25	200	16	
DEVIA.	-	-	0.48	0.31	0.00	0.00	0.0	-	0.04	0.19	2	335	0	13	100	3	
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm	
740318	140	85	8	-s.	2.21	-s.	360	2	46	85	-	9	-	62	1655	460	
740601	260	180	20	-s.	5.45	4	760	6	67	880	-s.	25	-	88	5255	590	
MEAN	200	133	14	0	3.83	2	560	4	57	483	0	17	-	75	3455	525	
DEVIA.	60	48	6	0	1.62	1	200	2	11	398	0	8	-	13	1800	65	

3740 VESDRE

FORCET(ROCHETTE)

Lambert coord.: 240900 - 142750

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
740529	25	0	39	34	576	2.56	342	28	360	2062	-	-	-	-
741002	12	0	14	14	470	0.00	370	7	21	600	-	-	-	-
741002	18	0	13	15	490	0.00	340	9	23	680	-	-	-	-
MEAN	18	0	22	21	512	0.85	350	14	134	1114	-	-	-	-
DEVIA.	4	0	11	8	42	1.14	12	8	150	632	-	-	-	-

740529 Pesticides not measured

741002 Pesticides not measured

741002 Pesticides not measured

3750	VESDRE	CHAUDFONTAINE										Lambert coord.: 240250 - 142500										SEDIMENTS					
	H2C %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %												
740601	53.7	15.1	-	-	-	-	91.5	-	-	-	-	-	26.2	3.3	24.2												
740601	52.7	16.2	-	-	-	-	87.7	-	-	-	-	-	21.2	4.1	19.7												
740905	12.3	26.2	-	-	-	-	18.7	-	-	-	-	-	3.4	4.2	3.0												
MEAN	39.6	19.2	-	-	-	-	66.0	-	-	-	-	-	16.9	3.9	15.6												
DEVIA.	18.2	4.7	-	-	-	-	31.5	-	-	-	-	-	9.0	0.4	8.4												
	Fe2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm											
740601	-	-	1.25	12.69	3.89	0.60	3.0	-	2.28	3.91	12	1220	3	180	650	27											
740601	-	-	1.14	15.44	4.28	-	3.3	-	2.28	3.47	10	740	3	165	800	27											
740905	-	-	0.34	11.29	-	-	3.8	-	2.83	0.13	2	270	-s.	-s.	60	15											
MEAN	-	-	0.91	13.14	4.08	0.60	3.4	-	2.46	2.51	8	743	2	115	503	23											
DEVIA.	-	-	0.38	1.53	0.20	0.00	0.3	-	0.24	1.58	4	318	1	38	296	5											
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm											
740601	670	310	20	-s.	20.67	14	750	7	110	1120	-s.	49	-	110	4865	450											
740601	620	260	20	-s.	38.68	26	760	7	110	820	-s.	50	-	110	5720	350											
740905	98	150	10	-s.	5.60	1	710	2	57	290	-s.	28	-	67	2505	520											
MEAN	463	240	17	0	21.65	14	740	5	92	743	0	42	-	96	4363	440											
DEVIA.	243	60	4	0	11.35	8	20	2	24	302	0	10	-	19	1238	60											

3/50 VESDFE

CHAUDFONTAINE

Lambert coord.: 240250 - 142500

WATER

	Temp C	pH -	BH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4=mg/l	Cl- mg/l	P- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph/n. mcg/l	d/t. mg/l	cyan. mcg/l
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
740529	38	0	21	23	332	2.27	257	17	106	1043	-	-	-	-
740529	37	0	20	18	296	4.58	214	25	63	931	-	-	-	-
740905	23	0	14	0	390	0.26	305	5	0	1500	-	-	-	-
740918	22	0	31	31	375	0.36	360	10	39	970	-	-	-	-
741024	4	0	0	0	610	0.09	210	8	5	260	-	-	-	-
MEAN	24	0	17	14	400	1.51	269	13	42	940	-	-	-	-
DEVIA.	10	0	8	11	83	1.53	50	6	33	276	-	-	-	-

740529 Pesticides not measured
740529 Pesticides not measured
740905 Pesticides not measured
740918 Pesticides not measured
741024 Pesticides not measured

3770 VISDRE

VAUX-SOUS-CEVREMO Lambert coord.: 239450 - 144000

SEDIMENTS

	H2O %	Cclor Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %
740601	30.8	16.1	-	-	-	-	54.9	-	-	-	-	-	8.5	3.8	7.3
740905	6.3	26.2	-	-	-	-	11.5	-	-	-	-	-	4.0	2.7	3.3
MEAN	18.5	21.1	-	-	-	-	33.2	-	-	-	-	-	6.3	3.3	5.3
DEVIA.	12.2	5.1	-	-	-	-	21.7	-	-	-	-	-	2.3	0.6	2.0

	F2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
740601	-	-	0.68	14.07	4.50	-	3.7	-	2.97	1.20	2	600	3	12	440	18
740905	-	-	0.29	10.93	-	-	3.2	-	2.46	0.10	2	210	-s.	-s.	60	14
MEAN	-	-	0.48	12.50	4.50	-	3.5	-	2.71	0.65	2	405	2	6	250	16
DEVIA.	-	-	0.19	1.57	0.00	-	0.3	-	0.26	0.55	0	195	1	3	190	2

	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
740601	175	160	13	-s.	42.64	13	560	3	63	330	-s.	20	-	68	3550	320
740905	72	150	9	-s.	4.93	1	1000	0	47	210	-s.	42	-	59	2275	410
MEAN	124	155	11	0	23.78	7	780	2	55	270	0	31	-	64	2913	400
DEVIA.	52	5	2	0	18.85	6	220	1	8	60	0	11	-	5	638	10

3770 VESDRF

VANX-SOUS-CHEVREMO Lambert coord.: 239450 - 144000

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVI.	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVI.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
740529	53	6	38	18	360	2.41	200	20	76	1400	-	-	-	-
740905	65	0	13	0	298	0.23	290	3	3	1170	-	-	-	-
740918	18	0	20	17	385	0.31	355	7	35	740	-	-	-	-
MEAN	45	2	23	11	347	0.98	281	10	38	1103	-	-	-	-
DEVI.	18	2	9	7	33	0.95	54	6	25	242	-	-	-	-

740529 Pesticides not measured
740905 Pesticides not measured
740918 Pesticides not measured

4750	VESDRE	CHENEE (RANSY)					Lambert coord.: 239025 - 144500					SEDIMENTS					
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %		
740905	16.7	25.2	-	-	-	-	32.1	-	-	-	-	-	8.2	3.1	7.8		
MEAN	16.7	25.2	-	-	-	-	32.1	-	-	-	-	-	8.2	3.1	7.8		
DEVIA.	0.0	0.0	-	-	-	-	0.0	-	-	-	-	-	0.0	0.0	0.0		
	F205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm	
740905	-	-	0.53	11.67	-	-	3.8	-	2.50	0.42	4	320	-s.	-s.	220	20	
MEAN	-	-	0.53	11.67	-	-	3.8	-	2.50	0.42	4	320	0	0	220	20	
DEVIA.	-	-	0.00	0.00	-	-	0.0	-	0.00	0.00	0	0	0	0	0	0	
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm	
740905	98	200	13	-s.	4.01	1	1400	2	65	300	-s.	30	-	77	3960	430	
MEAN	98	200	13	0	4.01	1	1400	2	65	300	0	30	-	77	3960	430	
DEVIA.	0	0	0	0	0.00	0	0	0	0	0	0	0	-	0	0	0	

4750 VESDRF

CHENEE (RANSY)

Lambert coord.: 239025 - 144500

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
740905	60	0	14	0	440	0.30	330	4	42	1540	-	-	-	-
740918	19	0	23	20	350	0.38	360	8	41	920	-	-	-	-
741002	15	0	14	17	410	0.28	280	11	54	670	-	-	-	-
741002	15	0	14	16	450	0.45	280	5	52	650	-	-	-	-
741024	5	0	1	6	500	0.14	210	14	118	530	-	-	-	-
MEAN	23	0	13	11	430	0.31	292	8	61	862	-	-	-	-
DEVIA.	14	0	4	7	40	0.08	42	3	22	294	-	-	-	-

740905 Pesticides not measured
 740918 Pesticides not measured
 741002 Pesticides not measured
 741002 Pesticides not measured
 741024 Pesticides not measured

4940	VESDRE	CHENEZ (LONEN)				Lambert coord.: 238800 - 145075					WATER				
	Temp C	pH	EH mV	K mcS/cm	Susp. # mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l	
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph/n. mcg/l	d/t. mg/l	cyan. mcg/l
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
740918	19	0	16	6	350	0.41	370	7	21	260	-	-	-	-

740918 Pesticides not measured

1050	VESDRE		CHENEY (PONT)			Lambert coord.: 238475 - 145075						SEDIMENTS						
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %			
720427	16.0	-	-	3.0	20.0	12.90	64.1	61.5	2.60	20.7	9.70	-	9.1	5.5	10.6			
720919	11.9	-	-	-	-	-	38.9	-	-	-	-	4.4	4.0	6.5	5.8			
730425	15.1	16.2	1.36	-	29.5	0.00	24.3	19.7	4.55	-	-	40.8	4.7	7.1	2.0			
740318	23.0	15.1	0.64	-	43.6	13.97	26.0	16.6	9.36	-	-	-	3.8	6.1	3.0			
740601	38.6	16.2	-	-	-	-	71.4	-	-	-	-	-	7.9	2.8	5.9			
740905	15.0	16.2	-	-	-	-	30.2	-	-	-	-	-	5.4	4.2	4.9			
MEAN	20.0	15.9	1.00	3.0	31.0	8.96	42.5	32.6	5.50	20.7	9.70	22.6	5.8	5.4	5.4			
DEVIA.	9.9	0.4	0.36	0.0	8.4	5.97	20.3	19.3	2.57	0.0	0.00	18.2	2.2	1.6	3.0			
	F205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm		
720427	-	0.00	0.75	13.40	4.16	0.77	3.6	2.65	3.01	0.78	3	470	-s.	21	310	9		
720919	-	0.01	0.52	13.08	4.24	0.77	3.8	2.15	3.39	0.30	2	320	-s.	20	750	18		
730425	-	0.00	0.45	13.09	4.39	0.67	3.2	-	2.92	0.39	5	177	-s.	50	900	18		
740318	-	-	0.64	14.63	3.85	-	4.8	-	2.90	0.38	1	270	-	-s.	200	13		
740601	-	-	1.05	14.54	4.40	-	4.2	-	2.79	1.31	3	600	2	24	620	17		
740905	-	-	0.44	12.20	-	-	3.8	-	3.14	0.26	1	270	-s.	-s.	220	15		
MEAN	-	0.00	0.64	13.49	4.21	0.74	3.9	2.40	3.02	0.57	3	351	0	19	500	15		
DEVIA.	-	0.00	0.23	0.94	0.16	0.04	0.6	0.25	0.21	0.41	2	155	0	19	297	4		
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm		
720427	220	125	14	1	5.35	-	540	-1	72	280	-s.	20	5	27	3100	530		
720919	186	63	20	2	3.22	9	610	-1	69	720	-s.	22	35	91	2460	760		
730425	250	230	29	-5	7.98	8	670	-s.	105	840	-s.	34	27	140	2760	920		
740318	140	190	8	-	8.60	1	310	1	62	130	-	15	-	56	2630	430		
740601	260	210	12	-s.	62.54	30	450	3	72	330	-s.	23	-	58	4865	550		
740905	140	150	10	-s.	4.98	1	400	0	59	530	-s.	15	-	59	2630	600		
MEAN	199	161	16	1	15.44	10	497	1	73	472	0	22	22	72	3074	632		
DEVIA.	53	62	8	0	23.16	8	135	1	16	274	0	7	12	39	903	178		

1050	VESDRE	CHENE (PONT)				Lambert coord.: 238475 - 145075					WATER			
	Temp C	pH	BH mV	K mcS/cm	Susp.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720427	9.5	7.2	362	-	45	71	7.9	0.4	0.0	-	8.4	37	-	-
720920	11.5	6.8	349	-	60	66	7.0	3.7	3.7	-	4.9	30	-	-
730507	11.0	6.1	344	267	30	94	10.5	8.6	4.4	-	6.1	15	3.0	18.5
740321	8.5	6.9	332	260	160	93	11.0	8.1	1.1	-	9.9	60	5.4	17.4
740418	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740529	16.5	7.1	-	-	-	69	6.8	2.5	0.0	-	19.0	46	18.0	32.0
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	11.4	6.8	346	263	73	78	8.6	4.7	1.8	-	9.7	37	8.8	22.6
DEVIA.	2.1	0.3	8	3	43	11	1.7	3.0	1.8	-	3.8	12	6.1	6.2

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph/n. mcg/l	d.t. mg/l	cyan. mcg/l
720427	0.34	-	4.32	3.92	4.26	0.12	0.31	74	26	0.22	14.6	14.0	0.6	0	0.00	0.0
720920	0.42	0.15	1.87	2.79	3.21	0.30	0.40	58	14	0.21	7.0	7.0	0.0	0	0.70	0.0
730507	1.21	0.01	1.95	2.95	4.15	0.11	0.12	46	14	0.44	12.5	8.3	4.2	0	0.00	0.0
740321	0.20	0.33	12.42	-	-	0.08	-	44	14	0.76	10.0	6.5	3.5	0	0.10	0.0
740418	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740529	1.85	0.73	1.84	2.25	4.10	0.56	0.61	74	26	0.24	15.4	15.0	0.4	0	0.40	0.0
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.80	0.30	4.48	2.98	3.93	0.23	0.36	59	18	0.25	11.9	10.2	1.7	0	0.24	0.0
DEVIA.	0.58	0.22	3.18	0.47	0.36	0.16	0.15	11	5	0.07	2.7	3.5	1.7	0	0.25	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720427	106	7	40	36	524	1.00	450	22	32	513	8580	15800	12000	16000
720920	40	2	13	23	630	0.86	305	15	100	1545	12400	43000	7500	25400
730507	140	4	0	49	178	0.07	310	5	96	102	30600	66000	44000	41000
740321	7	3	-	29	750	0.25	275	13	47	490	520000	210000	120000	17000
740418	-	-	-	-	-	-	-	-	-	-	415000	100000	10000	18000
740529	41	6	38	250	260	2.21	214	126	-	1018	3640000	140000	40000	19000
740918	23	4	43	750	440	0.23	285	37	50	1900	-	-	-	-
741002	17	0	108	1500	450	0.58	305	24	33	860	-	-	-	-
741002	15	0	13	33	430	0.00	300	5	21	500	-	-	-	-
741024	5	0	7	95	655	0.04	270	12	48	645	-	-	-	-
741024	5	0	1	16	665	0.16	205	10	23	510	-	-	-	-
MEAN	40	2	28	278	498	0.54	285	27	50	808	771096	95800	38916	22733
DEVIA.	46	2	34	484	183	0.68	71	36	29	545	1423084	70836	42776	9542

720427	HCH alpha :	375 ng/l;	lindane :	47 ng/l;	HCH delta :	8 ng/l;	dieldrin :	11 ng/l;	NCB :	41 ng/l;
720920	HCH alpha :	165 ng/l;	lindane :	54 ng/l;						
730507	Pesticides not measured									
740321	HCH alpha :	30 ng/l;	lindane :	92 ng/l;						
740418	Pesticides not measured									
740529	Pesticides not measured									
740918	Pesticides not measured									
741002	Pesticides not measured									
741002	Pesticides not measured									
741024	Pesticides not measured									
741024	Pesticides not measured									

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: PLANCTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm²

			24	26	28	60	66	74	91	99	115	133	139
720927	721017	B	3600	-	-	-	-	60	-	-	-	240	-
740321		A	-	-	100	720	20	-	-	20	-	-	20
740418		A	-	-	40	-	-	20	-	80	-	-	-
740529		A	-	-	-	-	80	-	-	40	80	120	20
740618		A	-	20	280	-	60	-	20	60	20	40	-
			152	157	178	183	186	191	195	197	202	203	207
720927	721017	B	-	-	1440	-	-	-	80	580	-	-	-
740321		A	-	-	980	-	60	20	-	-	-	-	-
740418		A	-	-	240	-	1210	-	-	-	-	-	-
740529		A	-	-	-	20	-	-	-	-	40	20	-
740618		A	20	60	-	-	-	-	-	-	-	-	20
			220	221	225	237	240	242	256	258	265	273	275
720927	721017	B	760	-	40	-	100	60	120	-	1240	40	-
740321		A	280	-	-	-	-	-	-	40	-	-	20
740418		A	-	-	-	-	-	-	-	180	-	-	-
740529		A	-	20	80	20	-	-	-	-	-	-	-
740618		A	80	-	300	-	-	-	-	-	-	-	-
			277	281	286	289	290	292	293	298	299	300	302
720927	721017	B	-	920	300	-	1260	-	-	660	-	460	440
740321		A	-	-	-	80	120	60	-	-	260	260	320
740418		A	20	-	-	20	100	160	-	80	20	2680	60
740529		A	-	-	-	-	200	-	120	80	20	60	60
740618		A	-	-	-	-	240	80	-	120	20	60	80
			305	306	309	310	311	317	318	320	321	324	325
720927	721017	B	80	1340	60	-	-	1120	-	60	20	-	20
740321		A	-	60	220	20	-	-	-	-	-	20	-
740418		A	-	20	1520	400	-	-	20	-	-	-	20
740529		A	-	-	940	-	140	-	-	-	-	-	-
740618		A	-	-	2190	-	-	-	-	-	-	-	-
			331	341	347	351	352	354	355	358	363	372	382
720927	721017	B	20	-	680	440	-	120	380	180	40	1820	-
740321		A	20	20	-	-	-	-	-	40	-	-	-
740418		A	-	-	20	-	40	-	80	940	-	-	40
740529		A	-	20	80	-	-	-	-	1760	-	-	-
740618		A	-	-	40	-	-	-	-	-	-	-	-

			383	385	390	393	402	423	424	425	437	438	444
720927	721017	B	160	-	20	20	100	340	-	40	40	-	20
740321		A	920	-	-	-	-	-	-	-	-	-	-
740418		A	3840	-	-	-	-	-	-	-	-	-	-
740529		A	380	200	-	-	-	-	20	-	-	80	-
740618		A	340	40	-	-	-	-	-	-	-	40	-

			449	455	461	463	468	482	487	497	504	516	529
720927	721017	B	-	100	-	20	-	-	920	60	-	320	1160
740321		A	20	-	40	-	-	-	20	-	100	40	-
740418		A	-	100	-	-	-	-	-	-	-	200	140
740529		A	-	80	-	-	60	80	-	-	-	40	-
740618		A	-	60	-	-	-	20	-	-	-	20	-

			534	535	541	553	558	566	575	576	577	596	607
720927	721017	B	-	100	120	40	-	80	-	40	40	40	-
740321		A	-	-	-	-	80	40	-	20	20	-	20
740418		A	-	-	-	20	-	-	-	-	-	-	-
740529		A	20	-	-	-	-	-	20	-	-	-	20
740618		A	-	-	-	-	-	-	-	-	-	-	-

			611	612	695	704	735
720927	721017	B	-	390	10	110	10
740321		A	-	20	-	-	-
740418		A	-	-	-	40	-
740529		A	-	-	-	40	-
740618		A	40	-	-	-	-

		Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight	Chlor.a mg/m2	Div. SHANNON	Saprobity					%Spec.	%Indiv.
								bo	ao	bm	am	p		
720927	721017	B	59	23109	58.5	14.0	4.7	0.4	1.1	3.6	4.4	0.4	64	65
740321		A	36	5137	-	-	3.9	0.4	1.4	3.2	4.1	1.0	80	56
740418		A	30	12364	-	-	3.1	0.4	2.3	3.3	3.6	0.4	83	44
740529		A	34	5076	-	-	3.6	0.5	1.2	4.7	3.4	0.1	61	74
740618		A	29	5144	-	-	3.2	0.2	0.8	3.7	4.4	0.9	58	85

4760 VESDRE

CHENEE (AVAL PONT)

Lambert coord.: 238150 - 145225

WATER

	Temp C	pH	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Pb mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
740905	13	0	16	14	190	0.29	275	3	3	810	-	-	-	-
740918	21	0	18	51	265	0.41	355	10	33	700	-	-	-	-
741002	15	0	14	72	370	0.37	300	4	21	530	-	-	-	-
741024	6	0	1	16	800	0.22	215	12	100	590	-	-	-	-
MEAN	13	0	12	38	406	0.32	286	7	39	657	-	-	-	-
DEVIA.	4	0	5	23	196	0.07	41	3	30	97	-	-	-	-

740905 Pesticides not measured
 740918 Pesticides not measured
 741002 Pesticides not measured
 741024 Pesticides not measured

1060	OUTTHE	CHENET	Lanbert coord.: 23P025 - 145025										SEDIMENTS					
	H2O %	Color Muns.	+1mm %	+14mm %	+63mm %	+37mm %	-37mm %	+2mm %	-2mm %	f.m. %	+149mm %	+63mm %	Spec.S m2/g	I.W.550 %	I.W.1000 %	O.M. %		
720427	37.0	-	-	-	-	-	84.9	-	-	-	-	-	-	12.9	1.4	10.2		
720919	33.0	-	-	-	-	-	85.1	-	-	-	-	-	6.2	7.0	3.3	6.1		
740601	33.1	16.2	-	-	-	-	54.9	-	-	-	-	-	-	22.7	7.2	20.7		
MEAN	34.4	16.2	-	-	-	-	76.6	-	-	-	-	-	6.2	14.2	4.0	12.3		
DEVIA.	1.7	0.0	-	-	-	-	11.2	-	-	-	-	-	0.0	5.7	2.2	5.6		
	P205 %	Cl- %	Tct.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Spec.S m2/g	Be ppm	Bi ppm	Cd ppm	Co ppm	
720427	-	0.00	0.32	15.06	4.53	0.97	0.5	1.11	1.07	0.32	2	540	-	-S.	8	-S.	26	
720919	-	0.00	0.21	11.55	5.68	0.91	0.7	0.93	2.04	0.02	4	370	-	-S.	-8	-S.	20	
740601	-	-	0.18	9.83	4.68	-	0.9	-	1.70	0.00	4	330	-	-S.	-S.	-S.	19	
MEAN	-	0.00	0.24	12.15	5.10	0.94	0.7	1.17	1.60	0.15	3	413	-	0	3	0	22	
DEVIA.	-	0.00	0.06	1.94	0.39	0.03	0.2	0.24	0.36	0.12	1	84	-	0	2	0	3	
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	Ir ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Spec.S m2/g	Sr ppm	V ppm	Zn ppm	Zr ppm	
720427	3500	39	13	1	0.57	-	240	-1	67	89	-S.	37	-	-4	39	770	350	
720919	1120	47	16	3	0.59	-S.	1300	3	67	450	-S.	21	6.2	20	64	1405	510	
740601	310	130	13	2	1.83	1	910	1	58	210	-S.	13	-	-	60	6555	300	
MEAN	1643	72	14	2	1.13	0	817	1	64	250	0	24	-	10	51	2910	387	
DEVIA.	1237	39	1	1	0.47	0	384	1	4	134	0	9	-	5	14	2430	82	

1060 OURTHE

CHENEE

Lambert coord.: 238025 - 145025

WATER

	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720427	7.0	7.3	354	-	5	96	11.4	9.7	-	8.5	2.9	4	-	-
720920	11.5	7.1	344	-	15	97	10.3	9.1	8.9	-	2.1	8	-	-
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	9.2	7.2	349	-	10	97	10.8	9.4	8.9	8.5	2.5	6	-	-
DEVIA.	2.2	0.1	5	-	5	0	0.6	0.3	0.0	0.0	0.4	2	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph1n. mcq/l	d1t. mg/l	cyan. mcg/l
720427	0.00	-	1.80	1.12	1.12	0.00	0.12	16	16	0.12	6.6	5.0	1.6	0	0.00	0.0
720920	0.06	0.02	1.71	2.25	2.31	0.10	0.19	14	14	0.14	6.0	6.0	0.0	0	1.00	0.0
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.03	0.02	1.75	1.68	1.71	0.05	0.16	15	15	0.13	6.3	5.5	0.8	0	0.50	0.0
DEVIA.	0.03	0.00	0.05	0.57	0.59	0.05	0.03	1	1	0.01	0.3	0.5	0.8	0	0.50	0.0

	Cd mcg/l	Co mcg/l	Cr mcq/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcq/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
720427	4	0	8	45	832	0.15	83	10	6	213	443	7000	175	1060
720920	10	0	9	3	312	0.60	86	5	9	50	1030	6000	1500	2900
740529	2	0	10	12	180	0.05	42	9	60	575	-	-	-	-
MEAN	5	0	9	20	441	0.27	70	8	25	279	736	6500	837	1980
DEVIA.	3	0	0	16	260	0.22	18	2	23	197	293	500	662	920

720427 lindane : 9 ng/l;
 720920 Pesticides not measured
 740529 Pesticides not measured

1080	MFUSE		HERSTAL				Lambert coord.: 240075 - 152050					SEDIMENTS				
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
720919	28.2	-	-	-	-	-	87.2	-	-	-	-	6.6	9.6	10.8	15.4	
MEAN	28.2	-	-	-	-	-	87.2	-	-	-	-	6.6	9.6	10.8	15.4	
DEVIA.	0.0	-	-	-	-	-	0.0	-	-	-	-	0.0	0.0	0.0	0.0	
	Fe2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
720919	-	0.00	1.03	13.24	6.96	0.72	9.1	1.30	1.92	0.45	5	620	-s.	83	240	24
MEAN	-	0.00	1.03	13.24	6.96	0.72	9.1	1.30	1.92	0.45	5	620	0	83	240	24
DEVIA.	-	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
720919	560	97	13	-1	1.91	-s.	1630	6	110	380	-s.	270	115	180	3665	290
MEAN	560	97	13	0	1.91	0	1630	6	110	380	0	270	115	180	3665	290
DEVIA.	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0

TORO MUSE		HERSTAL				Lambert coord.: 240075 - 152050						WATER				
	Temp C	pH -	PH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l		
120427	10.5	7.3	354	-	25	87	9.4	7.4	-	3.0	6.4	4	-	-		
120919	16.0	7.1	314	-	25	68	6.5	4.1	1.3	-	4.2	8	-	-		
MEAN	13.2	7.2	336	-	25	77	7.9	5.7	1.3	3.0	7.8	6	-	-		
SEVIA.	2.7	0.7	17	-	0	9	1.4	1.6	0.0	0.0	1.4	2	-	-		

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phos. mcg/l	dit. mg/l	cyan. mcg/l
120427	0.00	-	9.48	3.14	3.14	0.18	0.35	46	36	1.00	17.2	12.2	5.0	33	0.00	0.0
120919	0.16	3.46	-	4.63	3.79	0.34	0.40	63	32	1.66	15.0	11.3	3.7	0	0.70	0.0
MEAN	0.08	3.46	9.48	3.38	3.46	0.26	0.38	54	34	1.33	16.1	11.7	4.3	16	0.35	0.0
SEVIA.	0.08	0.00	0.00	0.24	0.33	0.08	0.02	8	2	0.33	1.1	0.5	0.7	16	0.35	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coll. col./dl	Pec.coll. col./dl	Pec.strep col./dl
120427	4	0	6	24	752	0.12	136	10	5	215	1200	16000	6200	7650
120919	10	0	10	10	562	0.35	223	4	48	398	56000	62000	17200	3550
MEAN	4	0	4	14	652	0.23	179	4	26	306	37600	39000	11700	5600
SEVIA.	0	0	2	8	100	0.12	43	1	21	91	24400	23000	5500	2050

120427 BCH alpha : 15 ng/l; lindane : 9 ng/l;
120919 Pesticides not measured

1570	JULIENNE	ARGENTEAU		Lambert coord.: 242950 - 155750								SEDIMENTS					
	F20	Color	+1mm	+149mu	+63mu	+37mu	-37mu	+2mu	-2mu	+149mu	+63mu	Spec.S	LW550	LW1000	O.M.		
	%	Muns.	%	%	%	%	%	%	%	f.m.	f.m.	m2/g	%	%	%		
720919	3.0	-	-	-	-	-	16.1	-	-	-	-	24.5	2.3	2.7	1.5		
MEAN	3.0	-	-	-	-	-	16.1	-	-	-	-	24.5	2.3	2.7	1.5		
DEVIA.	0.0	-	-	-	-	-	0.0	-	-	-	-	0.0	0.0	0.0	0.0		
	F205	Cl-	Tot.S	Al2O3	Fe2O3	TiO2	CaO	MgO	K2O	Crude	Ag	Ba	Be	Bi	Cd	Co	
	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	
720919	-	0.00	0.03	13.30	7.30	0.87	0.1	0.92	2.17	0.00	0	230	-s.	-9	-s.	16	
MEAN	-	0.00	0.03	13.30	7.30	0.87	0.1	0.92	2.17	0.00	0	230	0	0	0	16	
DEVIA.	-	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0	
	Cr	Cu	Ga	Ge	Hg	In	Mn	Mo	Ni	Pb	Sb	Sn	Sr	V	Zn	Zr	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
720919	80	18	21	3	0.06	-s.	1320	2	68	63	-s.	8	30	93	175	600	
MEAN	80	18	21	3	0.06	0	1320	2	68	63	0	8	30	93	175	600	
DEVIA.	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	

1570	JULIENNE	ARGENTEAU									Lambert coord.: 242950 - 155750					WATER				
	Temp C	pH -	EH mV	K mCS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l						
720919	12.5	7.3	309	-	15	88	9.1	4.8	1.5	-	17.0	8	-	-						
	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l				
720919	1.40	1.36	3.08	2.14	3.54	1.01	1.04	125	30	0.51	25.4	17.5	7.9	0	0.70	0.0				
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl						
720919	2	0	0	7	334	0.22	373	12	49	125	4400	70000	9800	5320						
720919	HCH alpha :		-2 ng/l;		lindane :		16 ng/l;													

1570 JULIENNE

ARGENTEAU

Lambert coord.: 242950 - 155750

HYDROBIOLOGY

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctorina; 640-702: Rotatoria; 703-739: Others.

A: PIANCTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm2

		67	70	91	99	115	133	152	157	183	221	224
740709	A	80	120	-	560	-	40	-	200	40	40	-
740709	A	-	60	300	960	720	180	1560	86400	60	360	60
		240	242	262	285	286	290	292	293	298	300	302
740709	A	40	40	-	-	160	1320	40	-	120	40	80
740709	A	-	-	60	60	-	720	-	60	-	180	360
		306	309	310	319	320	324	331	341	347	377	383
740709	A	40	4360	-	-	160	-	40	-	120	80	360
740709	A	180	2700	1980	60	540	60	-	300	300	840	124800
		385	394	409	422	436	466	482	487	499	516	541
740709	A	40	40	-	-	-	-	120	40	-	80	-
740709	A	1200	-	60	60	240	60	-	-	60	60	60
		548	558	566	594	607	611	647	681			
740709	A	40	-	80	-	120	-	-	-			
740709	A	240	60	-	360	240	60	180	180			

		Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight	Chlor.a mg/m2	Div. SHANNON	Saprobity					%Spec.	%Indiv.
								bo	ao	bm	am	p		
740709	A	32	8655	-	-	-	3.0	0.2	0.5	4.6	4.4	0.3	71	89
740709	A	43	226998	-	-	-	1.6	0.3	0.5	4.0	4.9	0.4	62	4

1090	MEUSE	VISE					Lambert coord.: 243325 - 159375					SEDIMENTS					
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %		
720427	18.1	-	-	-	-	-	76.0	-	-	-	-	-	14.7	8.4	17.4		
MEAN	18.1	-	-	-	-	-	76.0	-	-	-	-	-	14.7	8.4	17.4		
DEVIA.	0.0	-	-	-	-	-	0.0	-	-	-	-	-	0.0	0.0	0.0		
	F205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm	
720427	-	0.00	0.53	9.76	5.51	0.70	9.8	1.22	1.51	0.45	1	320	-s.	24	-s.	10	
MEAN	-	0.00	0.53	9.76	5.51	0.70	9.8	1.22	1.51	0.45	1	320	0	24	0	10	
DEVIA.	-	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0	
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm	
720427	175	82	11	1	1.39	-	970	4	50	180	-s.	53	40	64	1530	450	
MEAN	175	82	11	1	1.39	-	970	4	50	180	0	53	40	64	1530	450	
DEVIA.	0	0	0	0	0.00	-	0	0	0	0	0	0	0	0	0	0	

1090	MEUSE	VISE		Lambert coord.: 243325 - 159375							WATER				
	Temp C	pH -	EH mV	K mS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l	
720427	11.0	7.4	353	-	30	87	9.3	6.9	-	3.2	6.1	8	-	-	

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph n. mg/l	d t. mg/l	cyan. mg/l
720427	0.00	-	6.00	2.97	2.97	0.28	0.39	46	46	1.18	18.6	12.7	5.9	99	0.00	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720427	6	0	9	26	266	0.15	140	0	4	260	5200	8700	8500	3250

720427 HCH alpha : 13 ng/l; lindane : 10 ng/l;

1580	BERWINNE		MOLINGEN				Lambert coord.: 244900 - 161525						SEDIMENTS				
	H2O %	Cclor Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %		
720919	21.7	-	-	-	-	-	68.8	-	-	-	-	10.5	7.6	5.7	9.4		
MEAN	21.7	-	-	-	-	-	68.8	-	-	-	-	10.5	7.6	5.7	9.4		
DEVIA.	0.0	-	-	-	-	-	0.0	-	-	-	-	0.0	0.0	0.0	0.0		
	F2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm	
720919	-	0.00	0.65	12.76	5.65	0.85	2.3	0.66	2.21	0.06	1	240	-s.	-9	-s.	18	
MEAN	-	0.00	0.65	12.76	5.65	0.85	2.3	0.66	2.21	0.06	1	240	0	0	0	18	

1580 BERWINNE

MOLINGEN

Lambert coord.: 244900 - 161525

WATER

	Temp C	pH -	PH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720919	12.0	7.7	334	-	25	97	10.2	7.5	0.2	-	18.6	8	-	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l
720919	0.03	0.00	6.16	2.69	2.72	0.17	0.19	74	20	0.43	11.0	11.0	0.0	0	3.39	0.9

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720919	7	0	0	5	740	0.14	123	10	11	110	4000	31200	4600	580

720919 lindane : 20 ng/l;

1590	MEUSE	LANAYE		Lambert coord.: 243975 - 166850								SEDIMENTS					
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %		
730314	17.2	15.2	-	13.9	25.1	3.42	57.6	55.3	2.32	14.5	8.12	30.6	5.2	10.8	12.3		
730719	28.0	15.2	2.69	-	20.4	0.19	70.3	62.2	8.10	-	-	-	10.4	12.0	9.5		
730913	13.6	15.1	3.71	-	27.5	0.00	56.3	47.9	8.42	-	-	-	13.4	9.8	12.2		
740228	21.5	15.1	0.00	-	44.6	8.14	40.1	31.8	8.30	-	-	-	5.1	14.2	4.3		
740528	24.2	15.1	-	-	-	-	62.0	-	-	-	-	-	7.7	10.1	5.9		
MEAN	20.9	15.1	2.13	13.9	29.4	2.94	57.3	49.3	6.78	14.5	8.12	30.6	8.4	11.4	8.8		
DEVIA.	4.4	0.0	1.42	0.0	7.6	2.84	7.2	9.4	2.23	0.0	0.00	0.0	2.8	1.4	3.0		
	F205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm	
730314	-	0.00	0.48	6.80	4.85	0.43	13.5	-	1.23	0.14	2	-	-s.	-s.	-s.	12	
730719	-	-	0.45	9.25	6.09	-	12.1	-	1.58	0.45	3	672	-	23	-s.	12	
730913	-	-	0.67	9.17	5.82	-	11.9	-	1.70	0.36	2	715	-s.	20	-s.	10	
740228	-	-	0.46	7.42	6.15	-	13.9	-	1.18	0.15	3	-	-s.	10	-s.	9	
740528	-	-	0.46	7.98	6.17	0.52	12.6	-	1.22	0.13	2	380	-s.	19	-	10	
MEAN	-	0.00	0.50	8.12	5.82	0.47	12.8	-	1.38	0.25	2	589	0	14	0	11	
DEVIA.	-	0.00	0.07	0.87	0.39	0.05	0.7	-	0.21	0.13	0	139	0	5	0	1	
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm	
730314	100	170	4	-s.	2.08	-s.	1150	-8	55	260	-s.	37	50	59	1580	310	
730719	180	300	8	-7	0.57	-	1400	-3	67	310	-s.	54	-	46	2690	450	
730913	210	220	5	-3	6.93	-	1170	4	70	160	-s.	40	-	70	2670	290	
740228	71	140	11	-5	3.27	-8	1130	-s.	36	630	-	41	-	54	1765	580	
740528	140	140	6	-3	3.71	-	1230	5	62	570	-s.	78	-	64	2090	420	
MEAN	140	194	7	0	3.39	0	1216	2	58	386	0	50	50	59	2159	410	
DEVIA.	44	53	2	0	1.54	0	79	1	10	171	0	13	0	7	417	88	

1590	TEMP	LANAYE				Lambert coord.: 243975 - 166850					WATER			
	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720919	15.5	7.2	314	-	15	79	1.7	6.2	1.4	-	12.5	4	-	-
730314	7.0	7.4	-	415	10	92	11.3	7.4	4.5	-	6.8	7	-	-
730719	21.0	7.5	341	894	10	65	5.9	3.2	1.2	-	4.6	4	10.5	34.0
730913	20.5	7.5	-	-	10	85	1.8	5.2	3.7	-	7.0	19	8.5	49.0
740228	7.2	7.4	-	-	16	95	11.6	8.4	-	4.8	6.8	8	-	-
740528	20.0	6.8	-	-	30	65	6.0	1.5	0.0	-	8.0	12	11.5	-
740625	25.0	7.2	-	637	10	79	6.7	3.9	2.2	-	7.6	14	13.0	-
740718	20.5	-	-	-	-	66	6.0	4.5	4.0	-	3.2	-	-	-
740813	17.0	1.3	-	740	10	78	7.6	5.5	-	1.8	6.8	22	5.0	-
740910	18.0	1.7	-	716	15	75	7.2	6.3	3.4	-	7.1	11	4.0	-
741009	11.0	7.4	359	505	270	82	9.2	7.4	5.3	-	7.0	54	-	-
741107	7.0	6.8	354	352	105	106	12.9	9.8	-	6.6	6.3	19	-	-
741204	8.0	7.2	314	299	60	76	9.1	8.7	7.5	-	3.0	18	3.5	-
750106	1.2	7.8	254	718	15	99	12.1	10.1	8.6	-	6.0	19	-	-
750204	5.9	7.7	334	333	40	97	12.2	11.3	9.5	-	5.0	14	-	-
750304	8.7	7.2	339	510	-	93	10.9	8.8	7.7	-	5.5	8	2.2	-
750403	6.5	7.5	354	341	35	94	11.9	10.0	7.7	-	7.5	7	4.3	-
750506	14.0	7.3	279	111	80	97	10.1	8.6	-	4.7	5.4	10	4.1	-
750604	16.0	7.8	394	599	10	83	8.3	7.2	0.6	-	4.4	19	4.2	-
750703	21.5	7.3	334	603	10	89	1.9	7.8	-	2.9	5.0	24	4.1	-
750730	23.5	1.5	534	659	25	90	1.7	6.4	3.9	-	5.0	23	3.9	-
750826	22.5	7.7	359	613	15	82	7.3	6.4	4.4	-	7.4	20	4.5	-
MEAN	14.7	7.4	347	567	39	85	9.0	7.0	4.4	4.2	6.3	16	5.9	41.5
DEVI.	6.6	0.3	64	172	60	11	2.3	2.4	2.9	1.4	2.0	10	3.4	7.5

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph n. mcg/l	d t. mg/l	cyan. mcg/l
720919	0.03	0.00	3.90	2.36	2.39	0.24	0.30	32	32	0.45	15.0	12.5	2.5	0	1.30	0.0
730314	0.74	0.04	2.36	0.89	2.15	1.10	-	57	38	1.36	18.0	13.0	5.0	0	1.50	0.0
730719	1.78	0.48	7.80	3.29	4.08	1.79	1.85	82	74	0.01	23.6	17.0	5.6	0	0.40	0.0
730913	2.50	0.29	5.10	-	-	-	-	90	90	0.20	28.0	20.7	7.2	0	0.00	0.0
740228	0.09	0.02	12.10	-	-	0.05	-	41	30	0.73	19.4	14.2	5.1	0	0.00	0.0
740528	1.67	0.10	7.10	-	-	0.67	-	65	46	0.97	22.6	18.0	4.6	0	0.04	0.0
740625	3.99	0.80	8.05	-	-	1.61	-	94	10	-	24.4	16.2	8.2	0	0.06	0.0
740718	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740813	1.32	0.03	16.70	0.68	2.00	0.01	0.80	40	64	-	16.2	9.2	6.9	0	0.00	0.0
740910	1.10	0.07	2.27	3.12	4.22	1.68	-	77	90	1.05	24.0	17.7	6.3	0	0.03	0.0
741009	1.32	-	-	2.76	4.08	0.84	1.25	98	58	-	18.6	13.7	4.8	0	0.12	0.0
741107	0.40	0.07	11.60	2.01	2.41	0.13	0.17	38	26	0.19	14.2	11.0	3.2	0	0.00	0.0
741204	0.31	0.03	10.56	0.57	0.88	1.28	1.28	35	18	0.37	13.0	9.5	3.5	0	0.08	0.0
750106	8.40	1.10	0.00	0.00	8.40	0.20	0.33	726	60	0.52	16.2	13.0	3.2	0	0.18	0.0
750204	0.18	0.06	10.10	0.39	0.57	0.11	1.89	28	16	0.26	16.0	13.0	3.0	7	0.00	0.0
750304	0.60	-	-	0.37	0.97	4.46	4.50	62	32	-	25.0	18.2	6.7	44	0.07	0.0
750403	0.30	0.04	11.30	4.10	4.40	0.26	0.26	40	20	0.28	14.0	10.0	4.0	59	0.00	0.0
750506	0.42	2.10	6.60	0.21	0.63	0.04	1.03	54	50	0.00	37.6	31.7	5.8	29	0.01	0.0
750604	1.00	0.30	13.70	2.20	3.20	0.47	0.47	56	50	0.95	22.8	16.5	6.3	0	0.07	0.0
750703	0.90	0.70	10.60	1.50	2.60	0.40	0.60	56	56	0.16	25.0	18.2	6.7	0	0.05	0.0
750730	0.60	0.76	10.30	0.70	1.30	0.60	0.60	50	60	0.52	25.0	17.7	7.2	0	0.01	0.0
750826	0.83	0.92	0.92	1.37	2.20	0.49	0.49	62	70	0.52	25.0	19.2	5.7	0	0.00	0.0
MEAN	1.36	0.42	7.95	1.56	2.73	0.82	1.05	89	47	0.50	21.1	15.7	5.3	6	0.19	0.0
DEVI.	1.86	0.54	4.59	1.24	1.94	1.03	1.10	147	23	0.39	5.9	5.0	1.6	16	0.41	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720919	19	0	19	11	617	0.29	155	0	30	434	384000	112000	11000	5100
730314	0	-	-	47	18	-	102	5	90	501	125000	10000	3000	8300
730719	1	0	0	10	320	0.41	100	0	10	200	111000	61000	46000	2000
730913	-	-	-	-	400	0.13	77	-	-	-	68000	73000	28000	200
740228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740528	1	0	5	19	4040	0.00	85	12	30	612	-	-	-	-
740625	2	0	14	7	1560	0.05	75	19	17	210	252000	780000	18000	200
740718	-	-	-	-	-	-	-	-	-	-	28100	670000	4000	700
740813	0	0	5	20	1600	0.05	210	10	22	570	-	-	-	-
740910	0	0	10	0	125	0.14	75	0	0	140	99000	200000	6000	550
741009	9	0	13	65	1800	0.18	270	16	270	1640	-	-	-	-
741107	3	8	8	12	700	0.06	218	44	-	356	-	-	-	-
741204	1	0	11	7	710	0.04	82	7	20	248	-	-	-	-
750106	2	0	19	15	2400	0.00	100	0	0	278	-	-	-	-
750204	2	0	2	18	1140	0.00	40	5	0	230	292000	40000	7000	3300
750304	2	0	2	13	630	2.40	96	6	4	172	300000	150000	13000	2900
750403	0	0	1	8	400	0.00	85	0	4	144	250000	120000	2000	12000
750506	0	9	1	18	670	0.79	150	10	3	150	271000	130000	10000	3600
750604	0	0	2	19	540	0.06	115	5	2	176	335000	70000	13000	4400
750703	0	0	2	6	300	0.80	110	0	8	135	167000	170000	2000	60
750730	0	0	2	0	390	0.00	100	4	6	100	615000	180000	19000	500
750826	5	0	1	3	200	0.14	80	0	4	164	70000	30000	6000	100
MEAN	2	0	6	15	928	0.29	116	7	28	340	224473	186400	12533	2927
DEVIA.	4	2	6	15	963	0.57	57	10	63	350	154166	226828	11776	3454

720919 lindane : 22 ng/l; dieldrin : 4 ng/l;
 730314 Pesticides not measured
 730719 Pesticides not measured
 730913 Pesticides not measured
 740228 Pesticides not measured
 740528 Pesticides not measured
 740625 Pesticides not detectable
 740718 Pesticides not measured
 740813 Pesticides not measured
 740910 Pesticides not detectable
 741009 lindane : 50 ng/l; dieldrin : 15 ng/l;
 741107 Pesticides not detectable
 741204 Pesticides not detectable
 750106 Pesticides not detectable
 750204 DDT : 125 ng/l;
 750304 Pesticides not detectable
 750403 Pesticides not detectable
 750506 lindane : 5 ng/l;
 750604 lindane : 40 ng/l;
 750703 lindane : 25 ng/l;
 750730 Pesticides not detectable
 750826 Pesticides not measured

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: PLANKTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm²

		28	44	70	91	99	107	114	136	178	180	182
730117	A	64	-	-	-	-	-	-	-	-	-	88
730217	A	240	60	-	-	60	-	-	60	-	360	-
730314	A	20	-	20	-	-	-	-	-	120	140	1080
730411	A	-	-	-	40	100	-	-	-	280	-	1260
730606	A	40	-	-	-	80	20	80	-	-	-	2450
		184	185	186	190	202	219	220	225	226	234	237
730117	A	-	104	408	-	-	48	-	-	40	-	-
730217	A	700	-	15450	-	-	960	960	120	1200	60	60
730314	A	6370	-	5110	-	-	140	-	60	160	-	20
730411	A	4060	-	3640	-	-	220	-	40	1240	-	20
730606	A	560	-	3780	80	160	720	-	-	520	-	40
		240	244	248	249	258	259	262	263	264	265	274
730117	A	8	164	-	12	-	-	-	-	-	28	-
730217	A	1200	15300	360	-	540	60	60	60	300	360	-
730314	A	20	4270	-	20	60	-	-	-	-	-	-
730411	A	80	3780	-	40	120	-	80	-	20	40	20
730606	A	120	7910	-	240	-	-	-	-	-	40	20
		281	284	286	287	288	290	292	295	296	298	299
730117	A	20	-	-	-	-	-	-	208	240	36	-
730217	A	1320	1320	-	120	180	540	120	7680	-	4680	180
730314	A	-	-	-	-	-	20	-	2360	-	400	80
730411	A	60	40	-	-	-	40	-	1020	-	180	-
730606	A	-	-	120	-	-	120	-	720	-	240	80
		300	301	302	303	305	306	307	309	310	311	315
730117	A	36	-	16	16	12	16	-	40	4	-	-
730217	A	4320	60	1980	1020	120	540	-	6900	180	-	120
730314	A	20	-	140	-	20	-	280	80	60	220	-
730411	A	160	-	80	-	-	240	240	380	2420	340	-
730606	A	360	-	240	-	-	-	240	120	120	160	-
		318	319	320	323	336	339	341	347	348	351	352
730117	A	-	-	-	4	-	-	168	8	-	-	8
730217	A	1320	240	60	-	480	60	4700	1080	60	-	600
730314	A	-	20	-	-	40	-	13840	120	-	40	80
730411	A	60	-	-	-	-	-	58290	420	-	-	780
730606	A	-	-	-	-	200	-	16170	440	-	440	200

		353	354	355	356	358	361	363	375	377	383	387
730117	A	-	-	-	-	4	-	-	-	68	20	-
730217	A	-	-	-	120	540	120	480	-	180	180	60
730314	A	20	-	60	-	20	-	-	60	320	240	-
730411	A	80	-	40	-	160	-	-	20	1300	520	-
730606	A	-	40	-	-	160	-	-	320	6270	320	-

		395	402	404	408	415	417	419	421	436	437	438
730117	A	-	-	-	-	-	-	-	-	-	8	-
730217	A	-	-	180	-	-	-	-	-	-	-	60
730314	A	-	-	-	360	-	-	20	-	-	-	-
730411	A	-	-	-	160	-	-	-	-	-	-	100
730606	A	80	320	-	4320	200	600	1080	1200	120	40	440

		441	442	447	448	449	461	465	466	485	487	493
730117	A	-	-	-	-	8	-	-	-	8	24	-
730217	A	-	120	-	-	60	-	-	-	720	540	240
730314	A	-	20	-	-	-	-	-	-	260	120	40
730411	A	-	-	20	-	120	-	40	-	100	120	60
730606	A	80	-	-	80	2960	80	160	520	240	120	-

		498	504	516	522	534	559	567	575	594	595	607
730117	A	-	-	24	-	4	8	20	4	-	-	-
730217	A	-	180	960	-	-	60	-	-	-	-	-
730314	A	100	-	120	20	-	-	-	-	40	-	-
730411	A	-	-	440	-	-	-	-	-	-	-	120
730606	A	-	-	280	-	-	-	-	-	40	20	240

		611	612	630
730117	A	-	12	-
730217	A	60	-	-
730314	A	-	-	-
730411	A	-	-	20
730606	A	80	-	-

		Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight	Chlor.a mg/m2	Div. SHANNON	Saprobity					%Spec.	%Indiv.
								bo	ao	bm	am	p		
730117	A	39	2027	-	-	-	4.2	0.0	3.1	4.4	2.1	0.3	76	86
730217	A	67	83401	-	-	-	4.2	0.3	2.3	4.5	2.8	0.1	86	90
730314	A	49	37274	-	-	-	3.0	0.0	2.0	4.0	4.0	0.0	77	94
730411	A	53	83275	-	-	-	2.1	0.0	0.6	3.3	6.0	0.0	79	96
730606	A	63	57271	-	-	-	4.0	0.0	0.8	4.9	4.2	0.1	74	88

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: FLANCTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm²

		54	65	66	74	99	115	116	123	128	133	139
730718	A	-	-	-	-	-	-	-	-	-	-	-
730814	A	-	-	100	-	200	-	-	50	-	-	-
730913	A	110	-	-	-	-	-	50	-	330	-	110
731010	A	-	150	-	-	-	50	-	-	-	50	50
731108	A	-	-	-	-	-	-	-	-	-	-	-
731206	A	-	-	-	50	50	-	-	-	50	-	-
		157	162	178	179	180	182	183	184	186	193	195
730718	A	840	180	-	-	-	-	540	180	4560	-	-
730814	A	16100	300	9280	-	-	-	3480	4060	47560	-	-
730913	A	16280	-	-	-	220	4180	610	2310	-	550	-
731010	A	400	50	-	900	-	800	4950	200	3410	250	100
731108	A	-	-	-	-	-	-	1600	150	900	-	-
731206	A	-	-	-	-	-	-	2310	-	3190	-	-
		196	199	219	220	225	226	237	240	244	248	249
730718	A	-	-	120	180	-	-	-	60	4140	-	60
730814	A	-	300	400	-	-	900	-	-	1500	-	200
730913	A	330	-	-	-	110	-	-	330	1430	-	-
731010	A	150	-	50	-	-	250	-	-	300	-	-
731108	A	-	-	150	-	-	150	-	150	3050	-	50
731206	A	-	-	900	900	-	350	250	2000	10560	50	200
		256	258	264	265	279	289	290	295	296	298	300
730718	A	-	-	-	-	-	-	-	35580	-	2820	240
730814	A	-	-	-	-	-	-	-	18300	-	1600	300
730913	A	-	-	-	-	-	-	50	660	-	660	330
731010	A	-	-	-	-	-	-	-	800	-	800	150
731108	A	-	100	-	100	-	-	-	1900	3900	500	350
731206	A	100	1150	50	1200	50	1300	1550	4180	15070	3960	3300
		302	303	305	306	307	309	310	311	316	323	325
730718	A	-	-	60	-	-	1080	660	960	-	-	-
730814	A	100	-	-	-	-	2200	200	-	100	-	-
730913	A	-	-	-	-	-	770	220	-	-	-	110
731010	A	-	-	-	-	-	300	-	-	-	-	-
731108	A	-	50	-	-	-	450	100	-	-	-	-
731206	A	1400	200	300	1150	350	9650	300	-	100	100	-

730718	A	331	336	341	347	348	351	352	354	355	358	372
730814	A	-	-	1620	60	-	-	180	-	-	60	32770
730913	A	100	-	700	-	-	200	700	-	-	300	79460
731010	A	-	-	770	-	-	-	-	220	660	50	-
731108	A	-	-	850	-	-	-	150	-	200	300	-
731206	A	-	-	1600	100	-	-	-	50	200	150	-
			650	55110	950	50	-	150	50	200	1900	-
730718	A	375	377	379	381	383	387	388	392	395	396	398
730814	A	420	2820	120	60	3060	-	-	-	1320	-	-
730913	A	3000	12101	-	-	31200	-	-	-	1600	-	-
731010	A	1430	6600	-	-	550	110	50	-	880	-	770
731108	A	1050	2300	-	-	250	-	-	-	150	-	150
731206	A	50	900	-	-	300	-	-	50	50	-	100
		-	1550	-	-	50	-	-	-	50	50	-
730718	A	400	401	402	403	404	407	408	410	415	417	419
730814	A	300	-	300	-	-	-	4320	-	240	360	1620
730913	A	1800	600	1600	-	-	-	4600	100	600	400	300
731010	A	-	-	2530	10560	440	220	47080	-	1320	1870	330
731108	A	50	-	550	800	-	-	1650	-	150	-	-
731206	A	-	-	200	100	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-
730718	A	421	424	427	430	431	432	434	436	437	438	441
730814	A	480	-	-	120	360	60	60	6300	120	600	960
730913	A	4100	-	400	-	700	100	-	2100	100	1900	800
731010	A	1100	770	-	-	110	-	110	1760	-	550	440
731108	A	100	-	-	-	50	-	-	2420	-	1700	1050
731206	A	-	-	-	50	-	-	50	300	150	1250	100
		-	-	-	50	-	-	-	400	250	250	-
730718	A	442	444	445	447	448	449	453	456	459	461	465
730814	A	-	60	-	-	540	3120	-	540	240	360	780
730913	A	-	-	-	900	-	6100	-	400	700	500	-
731010	A	-	-	770	-	220	1210	50	990	330	-	-
731108	A	250	-	600	-	-	10890	-	1250	-	-	-
731206	A	-	-	100	-	-	850	-	-	-	-	-
		-	-	-	-	-	3550	-	-	100	150	-

		466	467	471	474	485	487	504	516	538	549	559
730718	A	1080	660	-	-	-	420	-	720	-	-	-
730814	A	4600	2100	-	-	800	700	-	800	-	-	-
730913	A	1650	550	-	110	-	110	-	50	-	-	-
731010	A	200	50	100	-	-	200	-	100	50	-	-
731108	A	200	-	-	-	-	-	-	-	-	100	-
731206	A	-	-	-	-	-	200	50	100	-	-	50

		594	607	611	613	641	642	647	650
730718	A	60	960	120	-	-	-	-	-
730814	A	400	300	100	-	20	-	20	-
730913	A	-	110	50	-	-	-	-	-
731010	A	1000	4950	50	100	-	-	-	-
731108	A	-	1400	150	-	-	10	-	10
731206	A	-	100	150	-	-	-	-	-

		Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight	Chlor.a mg/m2	Div. SHANNON	Saprobity					%Spec.	%Indiv.
								bo	ao	bm	am	p		
730718	A	58	120636	-	-	-	3.6	0.0	1.7	7.1	1.1	0.1	74	66
730814	A	64	275258	-	-	-	3.8	0.0	3.0	6.1	0.9	0.0	67	48
730913	A	60	117258	-	-	-	3.6	0.1	0.5	8.6	0.8	0.0	73	77
731010	A	54	47896	-	-	-	4.3	0.0	2.1	5.0	2.4	0.5	70	87
731108	A	44	22241	-	-	-	4.2	0.1	2.4	4.5	2.7	0.3	86	95
731206	A	58	132507	-	-	-	3.5	0.1	1.3	3.7	4.9	0.0	81	96

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: PLANKTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm²

		44	64	91	95	99	133	139	157	180	183	192
740103	A	-	-	20	-	-	-	-	-	-	260	-
740228	A	-	-	-	-	-	-	20	20	-	140	20
740326	A	20	-	-	-	20	-	60	80	-	20	-
740429	A	-	-	-	40	-	-	160	80	-	40	40
740528	A	-	20	-	800	-	40	40	200	20	-	-
		195	202	216	220	225	226	240	244	248	258	262
740103	A	-	-	40	-	-	-	40	660	20	60	-
740228	A	-	-	-	-	-	60	-	1940	-	20	-
740326	A	20	-	-	60	100	480	40	1800	-	40	-
740429	A	-	-	-	-	-	320	-	280	-	-	-
740528	A	40	40	-	20	-	480	-	200	-	-	40
		264	265	286	290	292	293	295	298	299	300	302
740103	A	-	60	40	-	-	-	160	40	-	-	40
740228	A	-	20	20	-	-	-	80	20	-	-	20
740326	A	-	40	-	180	40	220	340	200	20	500	60
740429	A	-	-	-	40	20	-	120	40	40	-	40
740528	A	20	-	-	20	-	340	220	60	-	-	20
		303	305	306	309	310	311	317	318	320	323	324
740103	A	40	-	-	80	-	-	-	-	-	-	-
740228	A	-	40	-	20	20	-	20	-	-	20	-
740326	A	-	-	620	360	180	-	60	20	40	-	-
740429	A	-	-	80	240	160	80	-	-	-	-	-
740528	A	-	-	40	340	100	-	-	-	-	-	20
		336	338	341	342	347	352	358	360	361	375	377
740103	A	-	-	1240	-	-	40	100	-	-	-	80
740228	A	-	-	480	-	20	80	20	20	-	-	40
740326	A	20	-	3140	-	220	140	400	-	20	-	20
740429	A	-	40	1000	20	240	680	40	-	-	240	960
740528	A	-	-	2580	-	40	4020	160	-	-	520	1080
		380	383	385	386	395	409	415	417	419	421	424
740103	A	-	-	-	-	-	-	-	-	-	-	-
740228	A	-	60	-	-	-	-	-	-	20	-	-
740326	A	-	40	-	-	-	-	-	-	-	-	-
740429	A	-	320	-	-	20	40	20	40	40	80	-
740528	A	20	140	240	20	-	-	-	-	-	-	-

		427	430	436	438	441	445	449	450	451	456	463
740103	A	-	-	20	-	20	-	80	-	-	-	-
740228	A	-	-	-	-	-	-	40	-	-	-	-
740326	A	-	-	-	-	-	-	40	-	-	-	-
740429	A	-	40	-	40	80	-	80	320	-	160	-
740528	A	20	-	-	320	60	20	480	-	60	240	20

		466	467	480	481	482	489	516	534	607	611	711
740103	A	-	-	-	-	-	-	-	-	-	20	-
740228	A	-	-	-	-	-	-	20	-	20	20	-
740326	A	-	-	-	-	340	-	-	20	-	20	-
740429	A	80	-	-	-	40	-	-	-	-	80	-
740528	A	100	20	60	20	-	20	20	-	60	20	20

		Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight	Chlor.a mg/m2	Div. SHANNON	Saprobity					%Spec.	%Indiv.
								bo	ao	bm	am	p		
740103	A	22	3170	-	-	-	3.1	0.0	0.9	3.9	5.2	0.0	90	98
740228	A	29	3354	-	-	-	2.6	0.0	0.7	4.0	5.2	0.1	86	96
740326	A	40	10059	-	-	-	3.7	0.0	0.7	3.7	5.6	0.0	82	87
740429	A	41	6540	-	-	-	4.4	0.0	1.2	5.0	3.7	0.1	75	87
740528	A	53	14326	-	-	-	3.9	0.0	1.2	5.6	3.1	0.0	66	83

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: PLANKTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm²

		44	66	67	78	89	91	107	109	116	133	136
740625	A	-	60	-	60	-	-	-	180	-	360	-
740813	A	20	10	-	-	10	-	-	-	-	-	10
740910	A	-	-	-	380	-	-	-	-	20	-	-
741009	A	-	100	80	-	20	20	10	-	-	-	10
741107	A	-	-	-	-	-	-	-	-	-	10	-
741204	A	-	-	-	-	10	-	-	-	-	20	-
		139	152	157	177	180	184	186	193	195	208	220
740625	A	60	60	2040	20	-	-	-	-	-	-	-
740813	A	20	10	120	-	-	20	460	-	-	20	60
740910	A	-	-	-	-	480	360	1520	20	100	40	-
741009	A	80	20	60	-	-	20	780	-	20	-	60
741107	A	-	-	-	-	-	-	560	-	-	-	20
741204	A	-	-	10	-	-	-	100	-	-	-	40
		221	225	226	237	240	241	244	247	248	249	262
740625	A	-	60	60	-	-	-	480	-	-	-	-
740813	A	100	180	80	40	160	20	500	-	-	80	-
740910	A	-	-	40	-	20	-	880	-	-	20	-
741009	A	-	240	420	20	540	-	320	-	40	-	-
741107	A	-	20	20	-	100	-	140	10	10	20	-
741204	A	-	20	120	-	20	-	-	-	-	40	60
		263	264	265	275	279	286	289	290	292	293	295
740625	A	60	-	20	-	-	20	20	60	60	240	960
740813	A	-	200	-	40	-	-	-	220	40	-	1640
740910	A	-	-	20	-	-	-	-	20	-	-	680
741009	A	20	460	-	-	-	20	-	140	20	-	7080
741107	A	10	60	-	-	80	-	-	100	-	-	300
741204	A	10	-	-	10	-	-	-	60	-	-	480
		298	299	300	302	303	304	306	309	310	318	319
740625	A	60	-	180	-	-	-	-	-	-	-	-
740813	A	320	40	60	540	-	-	600	3640	60	-	10
740910	A	340	-	-	160	40	-	20	220	100	20	-
741009	A	320	200	80	300	-	80	1220	760	40	-	40
741107	A	100	40	40	120	-	-	60	320	20	-	20
741204	A	40	-	10	20	-	-	120	80	80	-	60

740625	A	320	324	325	336	338	341	347	352	358	359	361
740813	A	220	-	-	-	120	540	120	240	120	-	-
740910	A	-	-	-	50	-	3040	60	100	460	-	-
741009	A	-	-	20	-	20	480	-	-	120	-	-
741107	A	140	20	-	80	-	12720	280	220	700	80	10
741204	A	-	-	-	-	-	3540	20	-	120	-	-
	A	20	10	-	20	-	2440	20	80	80	-	-
740625	A	372	373	375	377	379	383	385	394	395	398	401
740813	A	60	-	1200	1080	-	1440	60	-	660	1021	-
740910	A	100	60	10	120	-	100	80	-	-	30	-
741009	A	-	-	-	340	80	80	-	-	-	-	160
741107	A	-	-	140	260	-	40	20	-	-	-	-
741204	A	-	-	-	40	-	40	-	10	-	-	-
	A	-	-	-	20	-	20	-	-	-	-	-
740625	A	402	403	404	409	415	416	417	419	424	425	427
740813	A	-	60	-	540	300	-	-	180	180	-	120
740910	A	-	10	20	-	40	10	20	10	20	180	-
741009	A	60	100	-	-	-	-	-	-	-	-	-
741107	A	40	-	-	-	30	-	-	-	-	-	-
741204	A	-	-	20	-	-	-	-	-	-	-	-
	A	-	-	-	-	20	-	-	-	-	-	-
740625	A	428	430	431	434	436	437	438	441	442	443	445
740813	A	60	60	180	-	70	60	840	360	-	60	20
740910	A	-	-	10	10	170	40	40	320	-	-	-
741009	A	-	-	-	-	-	-	160	40	100	-	40
741107	A	-	80	40	-	40	60	80	160	-	40	-
741204	A	-	-	-	-	60	-	-	10	-	-	-
	A	-	20	-	-	-	-	-	20	-	-	-
740625	A	446	449	451	456	459	461	466	478	479	480	487
740813	A	20	2400	60	480	50	20	420	-	1980	900	-
740910	A	10	880	-	300	-	40	120	10	-	-	60
741009	A	-	680	-	20	-	-	160	20	-	-	140
741107	A	-	600	30	60	-	-	140	-	-	-	-
741204	A	-	80	40	-	-	-	20	-	-	-	-
	A	-	40	-	20	-	-	-	-	-	-	-

		504	505	516	522	534	548	607	611	617	650	657
740625	A	-	-	-	20	-	-	180	-	-	-	-
740813	A	120	40	-	-	-	-	10	-	-	10	30
740910	A	-	-	40	-	-	-	40	-	-	-	-
741009	A	40	-	20	-	20	-	10	10	-	-	-
741107	A	-	-	-	-	-	-	-	-	40	-	-
741204	A	-	-	10	-	-	10	20	-	20	-	-

711

740625	A	20
740813	A	-
740910	A	-
741009	A	10
741107	A	-
741204	A	-

		Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight	Chlor.a mg/m2	Div. SHANNON	Saprobity					%Spec.	%Indiv.
								bo	ao	bm	am	p		
740625	A	63	21451	-	-	-	4.8	0.0	1.2	6.5	2.2	0.1	69	60
740813	A	74	16226	-	-	-	4.3	0.3	1.0	4.6	4.1	0.0	70	91
740910	A	45	8522	-	-	-	4.4	0.0	2.3	5.3	2.3	0.0	75	88
741009	A	66	29892	-	-	-	3.2	0.2	1.0	4.7	4.1	0.0	80	98
741107	A	37	6238	-	-	-	2.8	0.1	0.8	3.5	5.5	0.0	83	96
741204	A	39	4319	-	-	-	2.9	0.1	0.8	3.9	5.2	0.0	76	96

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Potatoria; 703-739: Others.

A: PLANKTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm²

		66	67	89	103	112	113	115	130	133	139	157
750106	A	40	-	40	-	-	-	20	-	200	-	-
750205	A	-	-	20	-	-	-	-	-	20	20	20
750304	A	-	-	-	-	-	-	-	-	60	40	40
750403	A	-	-	-	-	-	-	-	-	40	40	20
750506	A	-	-	80	520	20	1120	20	10	-	180	-
750604	A	-	60	100	-	-	-	-	20	20	60	280
		175	177	178	180	183	186	191	195	199	202	211
750106	A	-	40	-	-	240	-	-	-	-	-	-
750205	A	-	-	-	-	-	180	-	-	-	-	-
750304	A	-	-	-	-	-	80	-	-	-	-	20
750403	A	-	-	-	-	-	40	-	-	-	-	-
750506	A	260	-	60	-	-	-	120	20	-	40	-
750604	A	-	-	-	2220	-	60	-	10	20	-	-
		220	221	225	226	237	240	244	248	249	256	263
750106	A	-	190	-	60	-	160	80	20	-	-	-
750205	A	100	-	20	20	20	20	80	-	-	20	20
750304	A	20	-	-	120	-	-	-	-	-	-	-
750403	A	60	-	80	80	-	-	40	-	-	-	-
750506	A	120	-	80	60	-	20	120	20	20	-	-
750604	A	160	-	1080	160	40	-	260	10	100	-	1060
		264	265	274	281	282	286	289	290	292	295	298
750106	A	20	-	-	40	-	-	-	120	20	520	-
750205	A	20	20	-	-	-	-	-	100	20	3360	60
750304	A	20	-	-	-	-	-	-	40	-	260	40
750403	A	60	-	20	-	-	-	-	160	-	560	-
750506	A	-	-	-	-	220	-	-	100	20	-	-
750604	A	120	-	-	160	-	20	40	140	-	1000	280
		299	300	301	302	305	306	308	309	310	314	319
750106	A	40	80	-	280	-	160	-	320	40	-	40
750205	A	20	40	-	40	60	100	180	-	60	20	-
750304	A	20	20	-	20	-	140	40	-	140	-	-
750403	A	-	60	-	100	20	820	-	260	100	-	-
750506	A	-	60	10	220	20	300	-	940	-	-	-
750604	A	10	-	-	100	-	280	-	980	1500	-	20

750106	A	320	324	336	341	347	351	352	358	359	360	361
750205	A	20	20	40	1160	20	-	20	80	-	-	20
750304	A	-	-	-	820	40	-	20	20	-	20	20
750403	A	20	-	-	3640	20	-	40	100	-	-	-
750506	A	-	-	20	2080	20	-	240	160	-	-	-
750604	A	580	20	-	500	100	-	160	660	-	-	-
		-	40	-	21200	100	150	40	160	80	-	-
750106	A	362	366	368	369	373	375	377	383	385	388	395
750205	A	-	40	-	-	20	-	-	20	-	20	40
750304	A	-	-	20	20	-	-	20	20	-	-	-
750403	A	-	-	-	-	-	-	40	80	-	-	-
750506	A	-	-	40	-	-	-	120	60	-	-	-
750604	A	20	-	-	-	-	1540	80	640	60	-	20
		10	-	-	10	-	4400	1320	1680	40	10	140
750106	A	396	402	413	415	419	424	430	431	436	437	438
750205	A	-	-	-	-	-	-	-	-	-	-	-
750304	A	-	-	-	-	-	-	-	-	-	-	-
750403	A	20	-	-	-	-	-	-	-	-	-	-
750506	A	-	-	-	-	-	-	-	-	-	-	-
750604	A	-	80	40	100	100	160	20	-	-	-	-
		-	-	240	20	280	220	-	20	40	60	240
750106	A	441	444	449	451	452	455	456	459	465	466	480
750205	A	20	-	20	-	-	-	-	-	-	20	-
750304	A	-	-	-	-	-	-	-	-	-	20	-
750403	A	-	-	-	20	-	-	20	-	-	20	-
750506	A	-	-	-	-	-	-	-	-	-	40	-
750604	A	20	20	-	40	-	-	-	20	-	160	-
		120	-	1860	260	20	10	80	-	60	460	400
750106	A	488	504	511	512	516	522	528	607	611	650	681
750205	A	-	20	-	-	-	-	120	20	40	-	-
750304	A	-	-	-	-	-	-	-	-	40	-	-
750403	A	-	20	-	-	-	-	-	20	20	-	-
750506	A	-	60	-	-	-	-	-	-	-	-	-
750604	A	-	60	40	20	20	10	-	10	10	-	-
		20	60	-	-	100	-	-	160	40	10	10

		704	718
750106	A	-	-
750205	A	-	-
750304	A	20	-
750403	A	-	-
750506	A	-	-
750604	A	-	10

		Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight	Chlor.a mg/m2	Div. SPANNON	Saprobity					%Spec.	%Indiv.
								bo	ao	bm	am	p		
750106	A	43	4571	-	-	-	4.3	0.3	1.1	4.2	4.2	0.1	72	85
750205	A	39	5759	-	-	-	2.7	0.1	1.7	6.5	1.7	0.0	76	93
750304	A	32	5235	-	-	-	2.2	0.1	0.4	3.4	6.1	0.0	71	93
750403	A	28	5413	-	-	-	3.3	0.1	0.6	4.0	5.2	0.0	78	95
750506	A	58	10118	-	-	-	4.6	0.0	0.9	5.4	3.0	0.5	72	84
750604	A	71	44585	-	-	-	3.4	0.0	0.6	4.4	4.9	0.0	67	91

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: PLANKTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm²

		19	45	65	66	70	89	91	99	115	116	120
750703	A	-	-	60	-	60	-	-	-	-	-	-
750730	A	-	-	-	-	60	-	-	-	-	-	-
750826	A	-	140	-	-	-	-	-	-	-	40	-
750917	A	80	-	-	-	-	-	40	40	160	-	60
751016	A	-	-	-	20	-	40	-	-	40	-	-
751113	A	-	-	-	-	-	-	-	-	-	-	-
751211	A	-	-	-	-	-	-	-	-	-	-	-
		128	130	133	139	152	157	163	177	178	180	183
750703	A	-	-	-	-	-	440	-	-	340	60	480
750730	A	-	-	40	-	-	4320	-	-	20	-	-
750826	A	-	20	60	-	80	1220	-	-	-	80	80
750917	A	40	-	-	-	-	160	160	80	20	-	230
751016	A	-	100	-	-	-	200	-	-	-	20	260
751113	A	-	-	-	-	-	40	-	-	-	100	-
751211	A	-	-	-	20	-	-	-	40	-	-	-
		184	195	198	199	202	219	221	225	226	233	240
750703	A	-	-	60	-	-	-	-	-	-	-	-
750730	A	-	80	60	-	-	20	-	-	-	-	20
750826	A	120	40	-	-	40	-	-	-	-	-	20
750917	A	-	-	-	100	-	-	80	-	-	-	-
751016	A	-	-	-	-	-	-	40	-	60	-	-
751113	A	-	20	-	-	-	-	40	-	-	-	-
751211	A	-	-	-	-	-	-	20	20	60	40	80
		242	244	249	262	264	265	290	292	295	298	299
750703	A	280	120	20	-	-	40	220	-	10080	140	40
750730	A	-	60	-	60	-	60	120	-	8640	200	-
750826	A	680	500	-	-	20	40	40	-	16800	40	-
750917	A	-	840	-	-	-	-	60	80	1160	40	-
751016	A	-	40	-	-	-	-	-	-	660	-	60
751113	A	-	120	-	-	-	40	-	-	760	-	-
751211	A	-	-	-	-	20	-	20	20	4120	80	-

750703	A	300	301	302	306	309	310	311	317	318	320	324
750730	A	60	-	-	-	80	480	4920	-	-	-	-
750826	A	60	-	-	100	200	400	-	-	-	180	-
750917	A	20	-	20	-	120	400	-	200	-	560	-
751016	A	-	-	120	80	200	80	160	80	60	80	-
751113	A	-	-	-	-	-	40	-	80	-	-	40
751211	A	40	20	80	20	40	-	-	-	-	-	-
750703	A	341	347	352	358	372	375	377	379	383	385	395
750730	A	5280	-	120	-	-	6080	2160	-	120	-	5920
750826	A	3680	60	20	60	240	280	2240	-	300	-	360
750917	A	380	40	-	40	-	1760	520	20	400	-	1440
751016	A	1120	-	200	80	-	880	660	160	300	80	-
751113	A	380	-	-	60	-	-	1320	-	260	-	180
751211	A	320	-	-	20	40	140	400	-	40	-	-
750703	A	402	404	405	409	415	419	421	424	425	428	430
750730	A	-	-	660	320	180	200	-	-	-	-	180
750826	A	-	40	380	-	200	40	-	-	240	20	60
750917	A	340	-	280	-	320	-	-	20	-	-	40
751016	A	-	280	340	40	520	420	-	200	-	-	80
751113	A	-	-	20	140	100	40	-	-	40	-	-
751211	A	-	40	-	100	-	-	40	40	40	-	40
750703	A	431	432	434	436	437	438	441	445	447	449	451
750730	A	160	80	-	60	-	520	400	-	-	2080	60
750826	A	120	220	-	340	-	80	20	-	-	1120	80
750917	A	40	80	-	160	-	640	120	40	-	1440	320
751016	A	100	-	-	-	40	240	80	-	220	1280	160
751113	A	-	-	-	80	-	80	40	-	-	700	220
751211	A	-	-	-	-	-	120	20	-	-	260	40
750703	A	-	-	40	20	20	40	-	-	-	160	-

		454	456	458	459	461	464	465	466	487	516	559
750703	A	-	1560	60	160	-	40	100	620	-	60	-
750730	A	-	260	-	-	80	-	120	3480	-	40	-
750826	A	40	720	-	-	80	-	80	400	-	40	-
750917	A	-	920	-	220	80	-	-	480	40	60	80
751016	A	-	260	-	60	40	-	-	120	-	-	-
751113	A	-	60	-	-	-	-	-	60	-	60	-
751211	A	-	20	-	-	-	-	-	-	-	-	-

		601	607	611	657	682
750703	A	-	180	60	40	-
750730	A	-	-	260	-	-
750826	A	-	-	40	-	-
750917	A	-	80	80	-	30
751016	A	20	40	80	-	-
751113	A	-	240	100	-	-
751211	A	-	-	-	-	-

		Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight mg/17cm2	Chlor.a mg/m2	Div. SHANNON	Saprobity					%Spec.	%Indiv.
								bo	ao	bm	am	p		
750703	A	48	45463	-	-	-	3.7	0.0	1.2	7.1	1.7	0.0	70	92
750730	A	48	29163	-	-	-	3.6	0.0	1.1	6.6	2.3	0.1	70	79
750826	A	54	31246	-	-	-	3.1	0.0	1.6	7.5	0.8	0.1	75	89
750917	A	59	13869	-	-	-	5.0	0.0	1.0	6.2	2.7	0.2	67	77
751016	A	37	5998	-	-	-	4.2	0.1	1.4	5.9	2.4	0.1	72	82
751113	A	28	3353	-	-	-	4.0	0.1	1.1	5.6	2.8	0.5	75	91
751211	A	31	6475	-	-	-	2.1	0.1	1.6	6.6	1.7	0.0	87	98

4510	GEER	KANNE				Lambert coord.: 241625 - 167900					WATER			
	Temp C	pH -	EH mV	K mCS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
740625	-	7.1	-	729	10	-	7.8	2.4	1.1	-	10.7	17	-	-
740718	17.0	7.4	364	560	10	77	7.5	6.4	4.7	-	5.0	16	6.5	-
750403	6.5	7.5	364	356	60	90	11.2	10.8	-	6.8	4.0	11	4.7	-
750506	11.0	7.6	284	447	35	73	8.1	5.6	-	0.0	6.0	24	2.6	-
750604	11.0	7.3	394	821	1235	62	6.9	3.0	0.0	-	18.8	48	9.0	-
750703	17.0	7.9	329	769	140	71	6.9	5.7	-	0.0	16.0	28	2.8	-
750730	17.0	7.5	514	691	45	85	8.2	6.0	4.9	-	5.5	26	13.0	-
750826	16.0	7.7	354	675	30	89	8.9	7.1	5.6	-	5.7	10	5.5	-
MEAN	13.6	7.5	371	631	195	78	8.2	5.9	3.3	2.3	9.0	22	6.3	-
DEVIA.	4.2	0.2	71	162	422	10	1.4	2.6	2.2	3.0	5.6	12	3.7	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph.in. mcg/l	dlt. mg/l	cyan. mcg/l
740625	3.30	0.05	0.03	0.70	4.00	1.33	1.62	68	44	-	38.0	32.5	5.5	0	0.03	0.0
740718	9.40	0.00	4.20	0.00	9.40	12.30	-	68	106	0.16	33.4	27.8	5.6	0	0.18	0.0
750403	0.30	0.04	10.50	-	-	0.30	-	38	22	0.36	14.6	10.7	3.8	19	0.00	0.0
750506	1.65	4.60	15.60	0.30	1.95	0.54	0.87	40	30	0.83	22.0	16.7	5.2	0	0.18	11.0
750604	4.00	0.80	13.40	4.30	8.30	1.70	1.70	48	56	0.20	34.0	29.0	5.0	0	0.55	0.0
750703	2.40	1.00	16.10	1.60	4.00	0.60	1.20	54	60	0.60	35.6	31.3	4.3	0	0.04	4.9
750730	1.50	3.50	20.40	0.10	1.60	1.50	1.50	42	40	0.17	38.8	31.7	7.0	7	0.14	4.0
750826	0.78	0.61	8.90	0.09	0.87	0.63	0.63	40	44	0.17	36.6	30.5	6.1	0	0.06	0.0
MEAN	2.92	1.32	11.14	1.01	4.30	2.36	1.25	49	50	0.36	31.6	26.3	5.3	3	0.15	2.5
DEVIA.	2.89	1.75	6.68	1.55	3.34	4.05	0.43	12	25	0.26	8.7	8.8	1.0	7	0.18	4.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
740625	2	0	22	7	2300	0.00	95	48	13	130	856000	760000	18000	2200
740718	1	0	2	2	75	0.00	36	17	17	225	-	-	-	-
750403	0	0	0	4	1000	0.00	112	0	3	144	89000	50000	0	2000
750506	0	9	4	35	1040	0.26	70	12	6	70	435000	120000	8000	1000
750604	0	0	28	12	560	0.03	120	22	2	75	870000	560000	82000	20000
750703	0	0	8	8	140	0.03	71	31	5	20	18000	80000	1000	130
750730	0	0	1	0	560	0.00	50	10	3	188	220000	100000	2000	400
750826	0	0	3	5	360	0.00	56	8	6	34	310000	300000	14000	3700
MEAN	0	1	8	9	754	0.04	76	18	7	110	399714	281428	17857	4204
DEVIA.	0	3	10	11	717	0.09	30	15	5	73	344771	276913	29099	7070

740625 Pesticides not measured

740718 Pesticides not detectable

750403 lindane : 45 ng/l;

750506 heptachlor epoxide : 12 ng/l; dichloran : 8 ng/l;

750604 lindane : 20 ng/l;

750703 heptachlor epoxide : 33 ng/l;

750730 RCH beta : 6 ng/l; lindane : 21 ng/l; heptachlor epoxide : 10 ng/l;

5900	ITTERBEEK	KINROOI		Lambert coord.: 248250 - 205500							WATER				
	Temp C	pH -	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l	
741001	11.0	8.1	-	666	-	119	13.3	12.6	11.5	-	3.3	10	10.0	-	

	N am. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	N.C.H. F	ph/n. mcg/l	d/t. mg/l	cyan. mcg/l
741001	0.17	0.17	16.65	1.63	1.80	0.09	0.25	56	38	-	1.4	3.8	3.6	0	0.03	0.0

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
741001	0	0	0	0	590	0.03	60	0	0	40	11800	290000	12000	1600

741001 Pesticides not detectable

5/90

WARMDEER

ACMEI

Lambert coord.: 2279/5 - 221375

WATER

	Temp C	pH	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
740718	16.0	7.5	369	1372	15	86	8.6	6.7	4.6	-	7.0	24	4.0	-
741001	9.0	7.0	-	731	-	89	10.4	8.3	7.6	-	4.5	24	6.0	-
741210	8.0	6.8	-	738	20	72	8.6	7.4	6.1	-	4.5	25	-	-
750128	6.0	6.9	344	315	20	84	10.5	9.0	7.6	-	5.0	36	8.0	-
750602	-	8.1	379	443	35	-	11.6	10.1	9.1	-	-	19	4.4	-
MEAN	9.7	7.3	364	719	22	83	9.9	8.3	7.0	-	5.2	25	5.6	-
DEVIA.	3.1	0.4	13	272	6	5	1.1	1.0	1.3	-	0.9	4	1.4	-

	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph n. mcg/l	d t. mg/l	cyan. mcg/l
740718	1.05	0.00	0.00	0.00	1.05	0.40	-	83	82	0.73	18.0	11.5	6.5	0	0.25	0.0
741001	0.18	0.17	12.42	3.12	3.30	0.09	0.23	98	46	-	12.4	5.7	6.6	0	0.04	6.0
741210	0.38	0.09	9.70	2.22	2.60	0.08	0.70	70	36	0.20	11.6	4.0	7.6	0	0.03	0.0
750128	0.44	0.10	10.40	1.56	2.00	0.09	0.27	52	36	0.17	11.2	4.2	6.9	29	0.03	0.0
750602	0.02	0.16	12.00	1.68	1.70	0.02	-	56	60	0.36	15.0	9.7	5.2	0	0.04	0.0
MEAN	1.61	0.10	8.90	1.72	3.33	0.14	0.40	71	52	0.36	13.6	7.0	6.6	5	0.08	1.2
DEVIA.	2.17	0.05	3.56	0.76	1.49	0.11	0.20	14	15	0.18	2.3	2.9	0.6	9	0.07	1.9

	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
740718	0	0	2	4	1280	0.05	80	26	15	250	-	-	-	-
741001	0	0	0	5	960	0.03	250	0	6	120	15100	170000	6000	18200
741210	1	17	3	12	1600	0.00	248	21	5	480	4700	3000	2000	400
750128	1	0	1	15	1900	0.00	200	17	2	238	30000	25000	3000	1900
750602	0	5	1	0	490	0.03	90	10	1	44	33000	20000	1000	400
MEAN	0	4	1	7	1246	0.02	173	14	5	226	20700	54500	3000	5225
DEVIA.	0	5	0	4	416	0.02	70	7	3	115	10800	57750	1500	6487

740718 Pesticides not detectable
 741001 dieldrin : 20 ng/l;
 741210 Pesticides not detectable
 750128 Pesticides not detectable
 750602 Pesticides not detectable

4430	DONNEL		NEERPELT			Lambert coord.: 223950 - 218050					WATER					
	Temp C	pH -	EH mV	K mcS/cm	Susp.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l		
740619	17.0	7.4	-	1159	40	85	8.3	5.1	0.7	-	4.2	21	11.5	-		
741210	8.0	6.8	-	738	20	72	8.6	7.4	6.1	-	4.5	25	-	-		
750128	7.0	6.9	354	300	15	79	9.7	8.7	7.2	-	4.5	29	6.0	-		
750602	-	7.0	394	369	10	-	7.3	4.2	-	-	-	22	4.6	-		
MEAN	10.7	7.0	374	641	21	79	8.5	6.3	4.7	-	4.4	24	7.4	-		
DEVIA.	4.2	0.2	20	307	9	4	0.7	1.7	2.6	-	0.1	2	2.8	-		
	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Rot.H. P	Carb.H P	N.C.H. P	ph/n. mcg/l	d/t. mg/l	Cyan. mcg/l
740619	0.57	0.30	3.90	1.63	2.20	0.56	0.56	58	46	-	12.4	6.3	6.1	0	0.04	0.0
741210	0.78	0.09	15.90	1.80	2.50	0.13	0.60	70	36	0.20	11.6	4.0	7.6	0	0.08	0.0
750128	0.56	0.10	13.90	2.14	2.70	0.05	0.32	54	34	0.18	10.6	3.8	6.8	29	0.06	0.0
750602	2.40	0.17	22.30	0.10	2.50	22.30	-	74	34	0.16	8.0	4.0	4.0	0	0.08	0.0
MEAN	1.08	0.17	14.00	1.42	2.47	5.76	0.49	64	37	0.18	10.6	4.5	6.1	7	0.07	0.0
DEVIA.	0.66	0.07	5.10	0.66	0.14	8.27	0.12	8	4	0.01	1.3	0.9	1.1	11	0.02	0.0
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Rot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl		
740619	5	1	29	8	380	0.21	75	16	10	1230	85000	10000	0	1200		
741210	20	35	3	29	1820	0.04	240	25	55	1800	8500	20000	6500	5100		
750128	19	0	2	26	2500	0.12	208	14	4	1200	47900	100000	4000	2700		
750602	8	16	1	16	1330	0.14	240	34	3	1900	21500	7000	2000	400		
MEAN	13	13	9	19	1507	0.13	190	22	18	1532	40725	34250	3125	2350		
DEVIA.	6	12	9	7	652	0.05	57	7	18	317	25725	32875	2125	1550		

740619 Pesticides not detectable

741210 PCB : 200 ng/l;

750128 Pesticides not detectable

750602 lindane : 20 ng/l;

4490	SURE	MARTELANGE									Lambert coord.: 249525 - 60300					WATER				
	Temp C	pH -	EH mV	K mS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l						
740624	20.0	7.3	-	131	20	103	9.5	5.5	3.4	-	10.2	14	-	-						
741206	7.0	6.7	304	107	10	91	11.1	10.5	9.5	-	2.3	4	1.0	-						
750211	3.0	7.5	324	556	55	96	13.0	11.5	9.7	-	5.8	4	2.0	-						
750527	12.0	7.7	-	119	10	103	11.1	9.4	8.2	-	5.0	15	2.7	-						
750826	17.0	7.3	344	139	15	101	10.1	7.2	4.7	-	9.4	35	6.0	-						
MEAN	11.8	7.3	324	210	22	98	11.0	8.8	7.1	-	6.5	14	2.9	-						
DEVIA.	5.4	0.2	13	138	13	4	0.9	2.0	2.4	-	2.6	8	1.5	-						
	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	N.C.H. F	ph/n. mcg/l	d/t. mg/l	cyan. mcg/l				
740624	0.09	0.12	4.16	-	-	0.16	-	14	12	-	5.8	3.0	2.8	0	0.13	0.0				
741206	0.10	0.03	12.63	0.33	0.44	0.08	0.02	10	12	0.11	3.6	1.5	2.1	0	0.03	0.0				
750211	0.10	0.02	16.40	0.26	0.36	0.23	0.28	8	16	1.10	4.6	3.5	1.1	0	0.00	0.0				
750527	0.20	0.15	15.40	0.38	0.58	0.11	0.36	8	12	0.00	3.6	2.0	1.6	0	0.14	0.0				
750826	0.13	0.20	3.40	1.47	1.60	0.02	0.18	12	16	0.00	5.4	3.8	1.6	0	0.04	0.0				
MEAN	0.12	0.10	10.40	0.61	0.74	0.12	0.21	10	13	0.30	4.6	2.7	1.8	0	0.07	0.0				
DEVIA.	0.03	0.06	5.29	0.43	0.43	0.06	0.11	2	1	0.40	0.8	0.8	0.5	0	0.05	0.0				
	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl						
740624	-	-	17	-	-	0.09	50	-	-	25	110000	780000	18000	7200						
741206	0	0	0	7	150	0.06	80	13	0	0	-	-	-	-						
750211	-	-	-	-	-	-	-	-	-	-	11000	10000	1000	600						
750527	0	0	0	4	200	0.08	55	5	2	10	55200	70000	23000	6900						
750826	18	0	0	0	490	0.00	152	0	1	0	502000	2400000	170000	36000						
MEAN	6	0	4	3	280	0.06	84	6	1	8	169550	815000	53000	12675						
DEVIA.	8	0	6	2	140	0.03	33	4	0	8	166225	792500	58500	11662						
740624	Pesticides not detectable																			
741206	Pesticides not detectable																			
750211	Pesticides not detectable																			
750527	Pesticides not measured																			
750826	Pesticides not measured																			

Groupe inventaire C.I.P.S. M 15, M 22 I.C.W.B. inventaris groep

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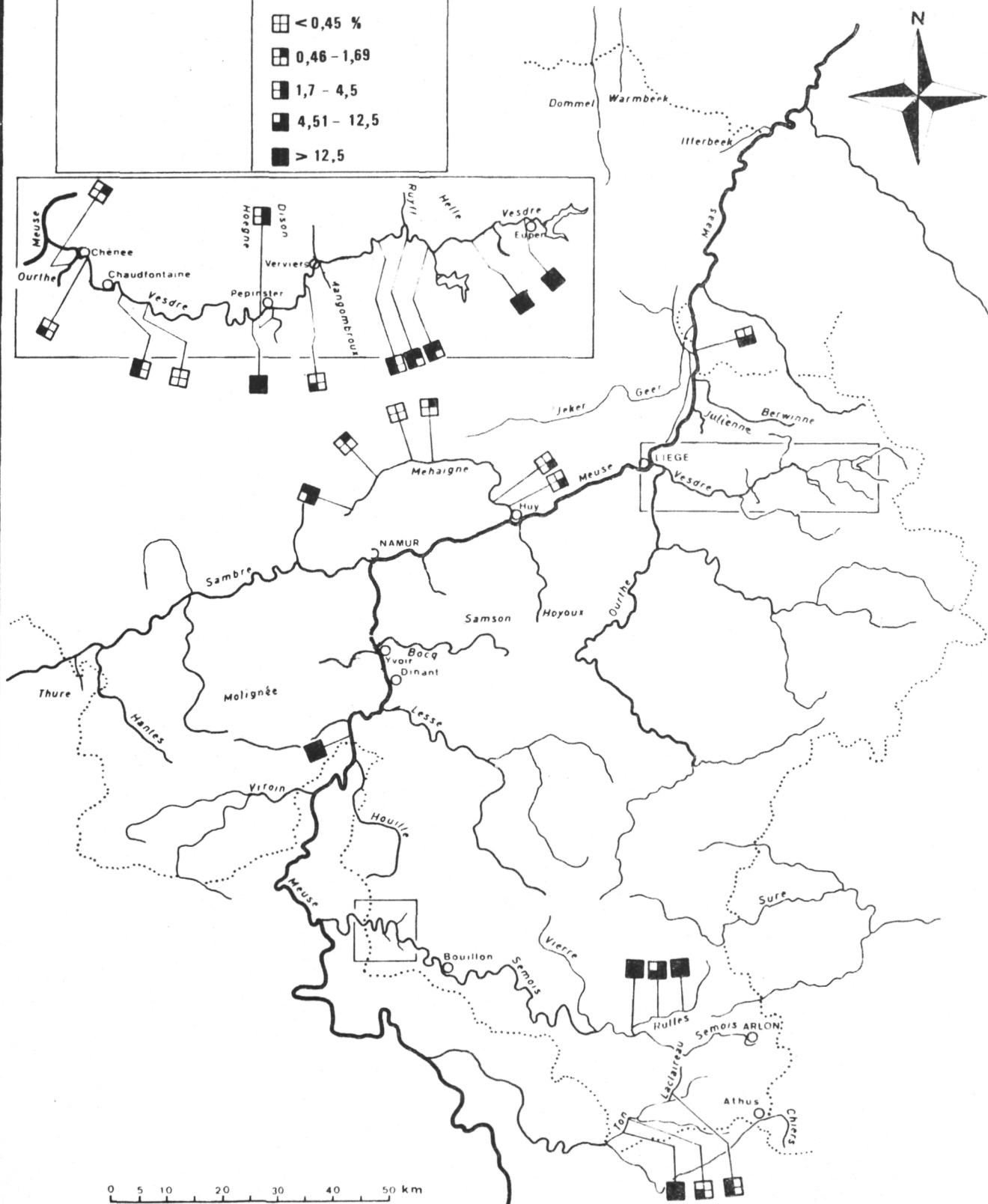
Instituut voor Hygiene en Epidemiologie

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+ 1 mm

Sédiments-Sedimenten

-  < 0,45 %
-  0,46 - 1,69
-  1,7 - 4,5
-  4,51 - 12,5
-  > 12,5



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- 37 mu

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Sédiments-Sedimenten

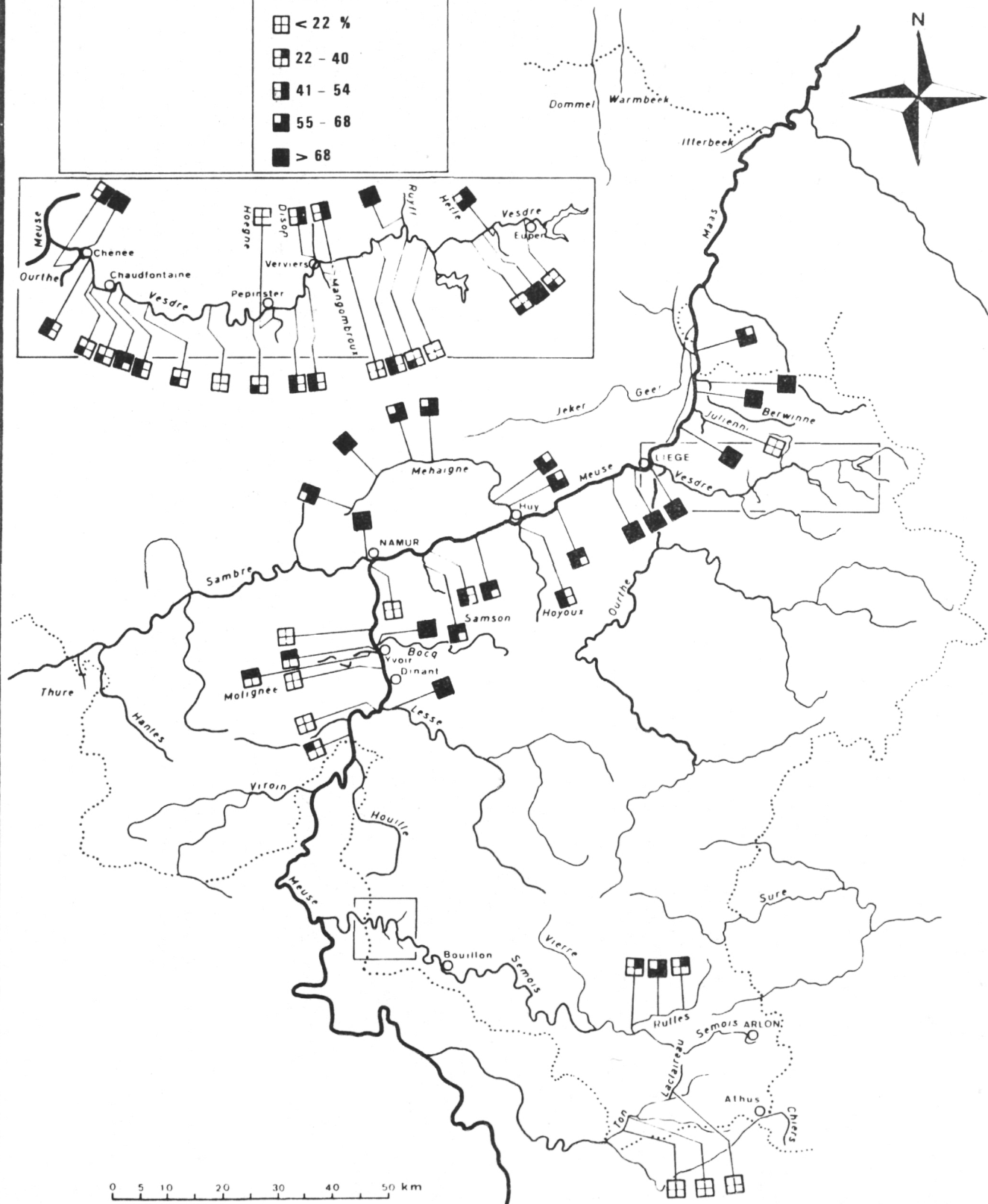
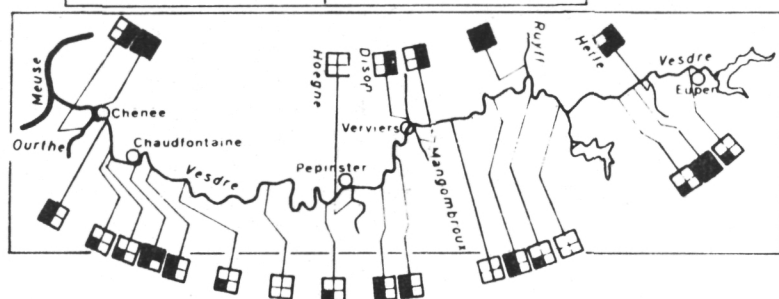
☐ < 22 %

▣ 22 - 40

▤ 41 - 54

▥ 55 - 68

■ > 68



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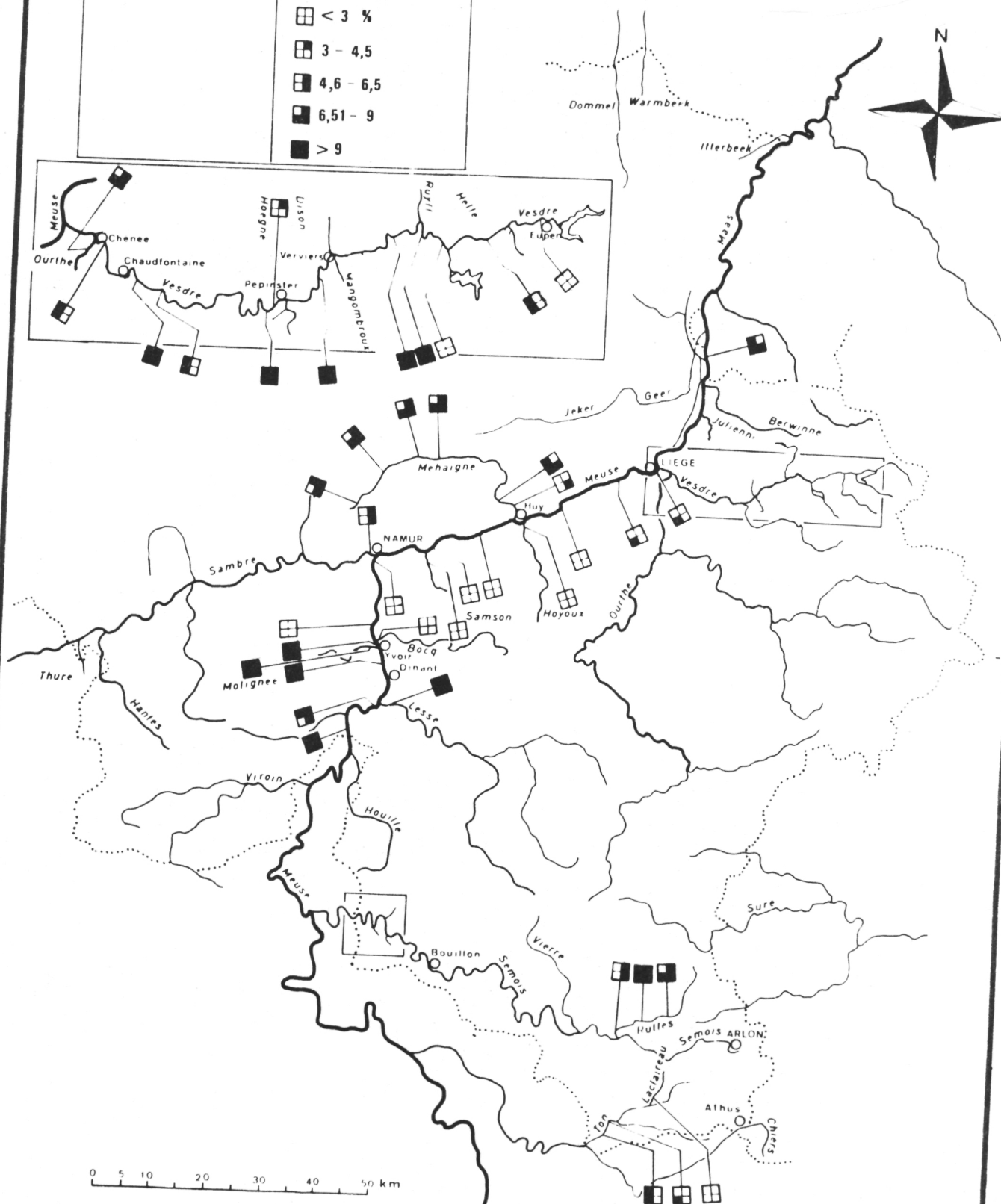
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- 2 mu

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Sédiments-Sedimenten

-  < 3 %
-  3 - 4,5
-  4,6 - 6,5
-  6,51 - 9
-  > 9



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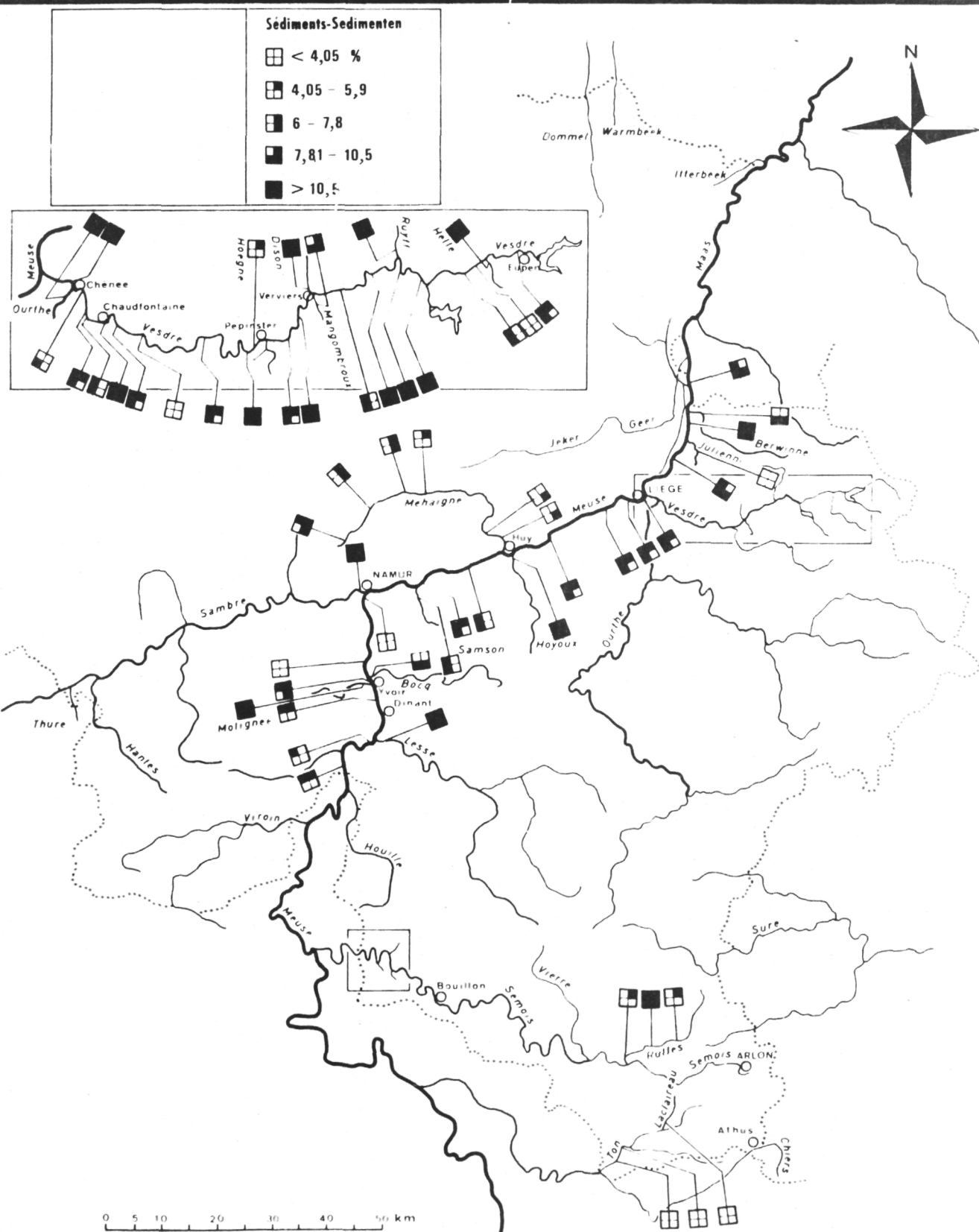
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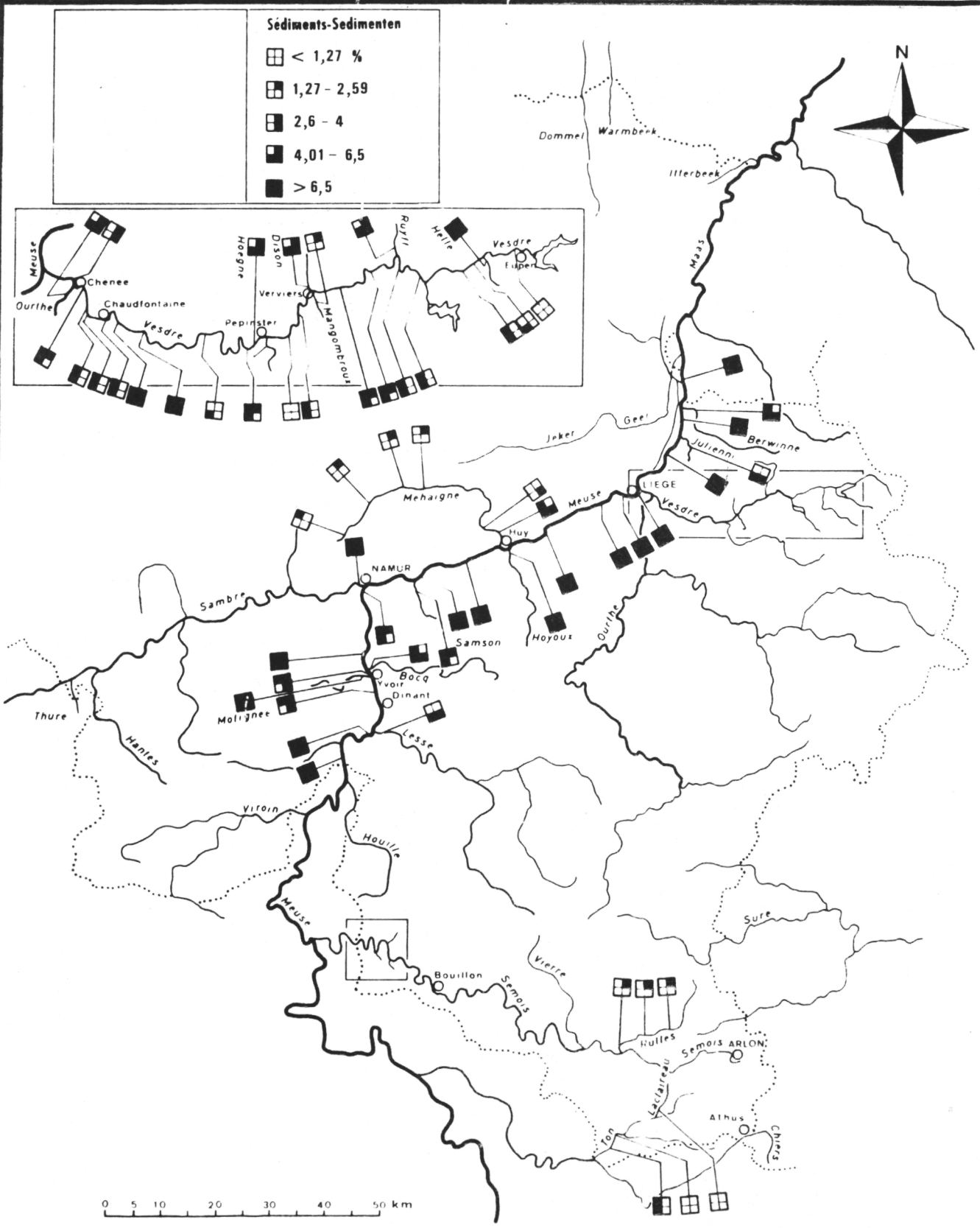
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LW 1000

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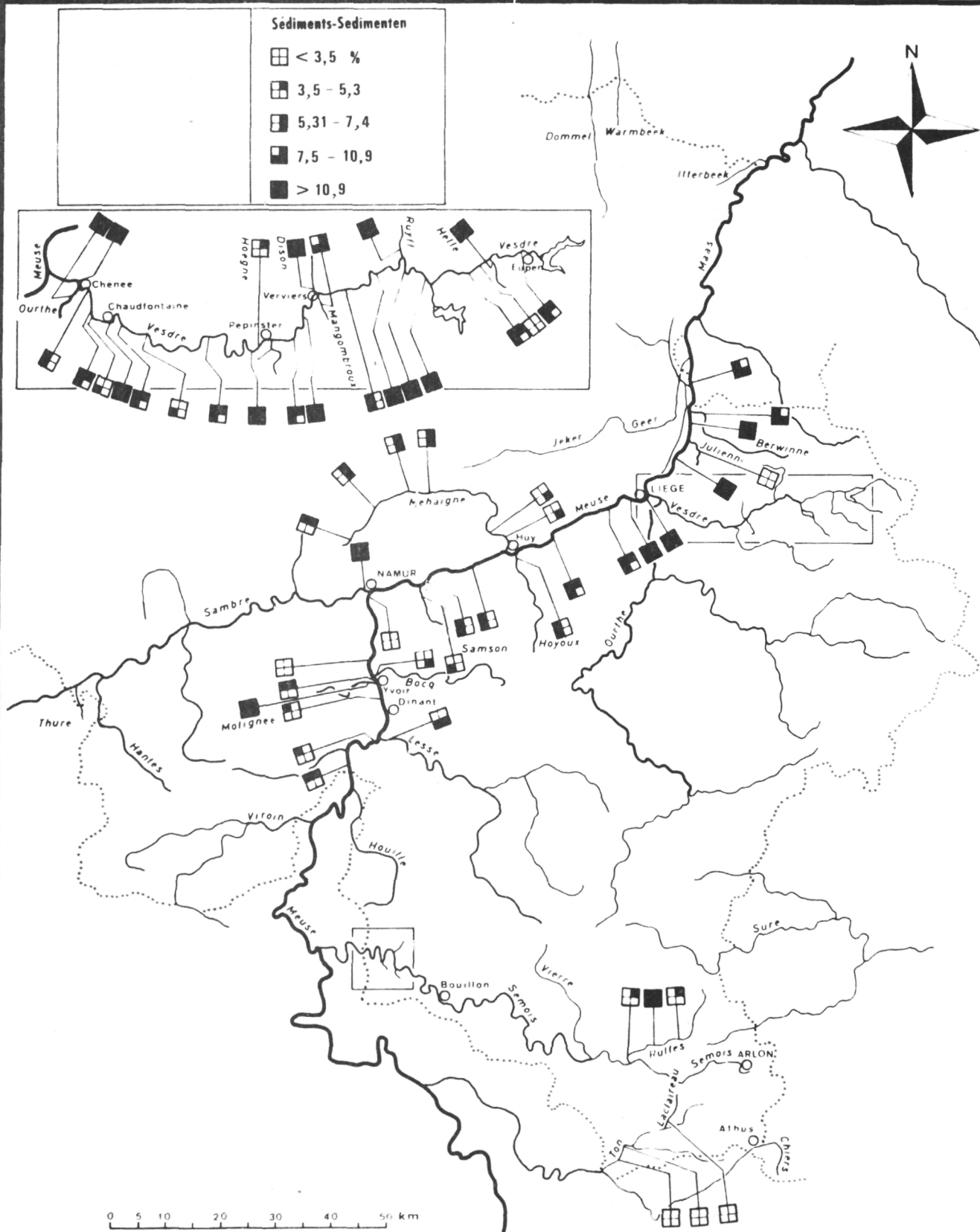
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Sédiments-Sedimenten

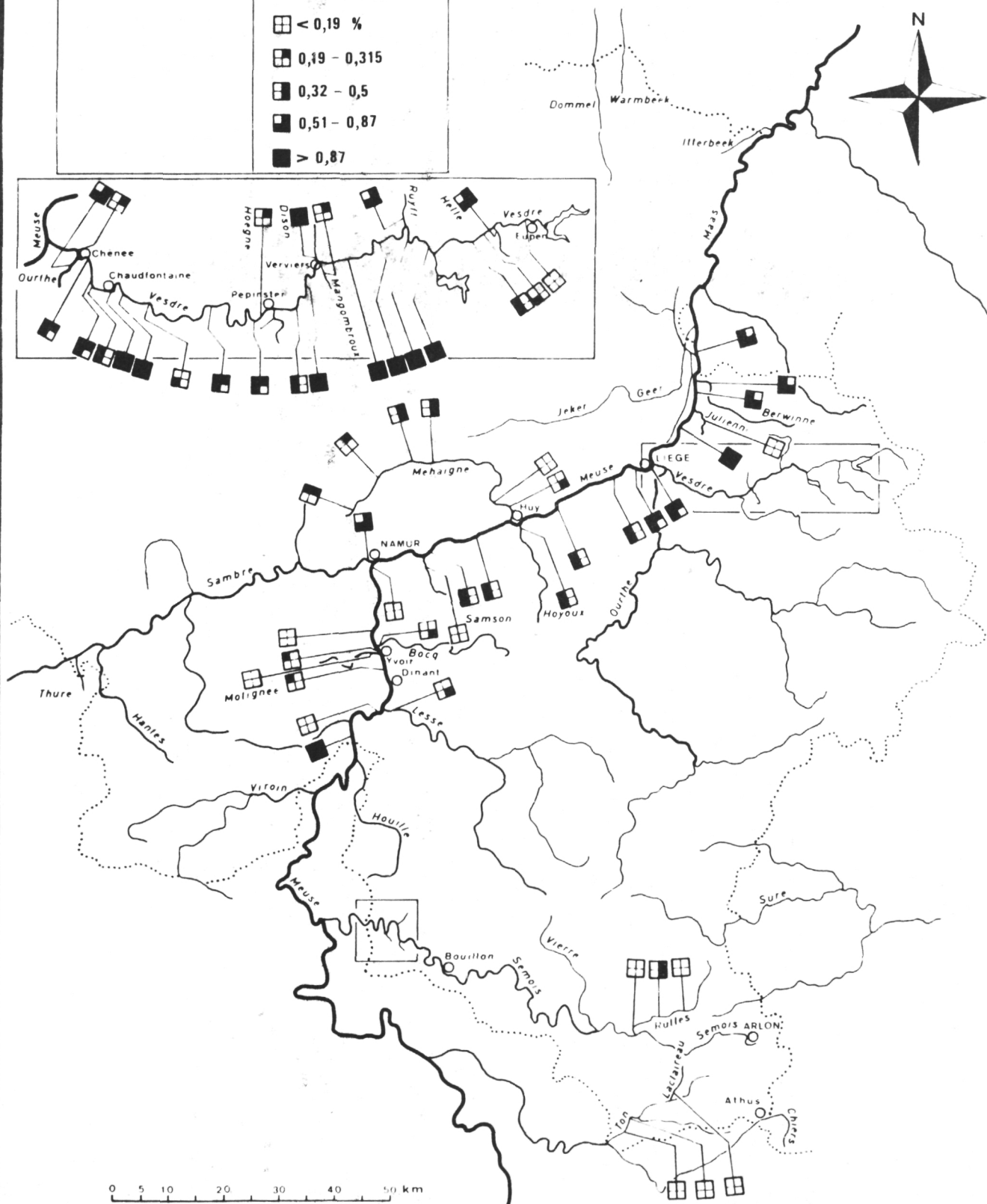
- $< 0,19 \%$

 $0,19 - 0,315$

 $0,32 - 0,5$

 $0,51 - 0,87$

 $> 0,87$



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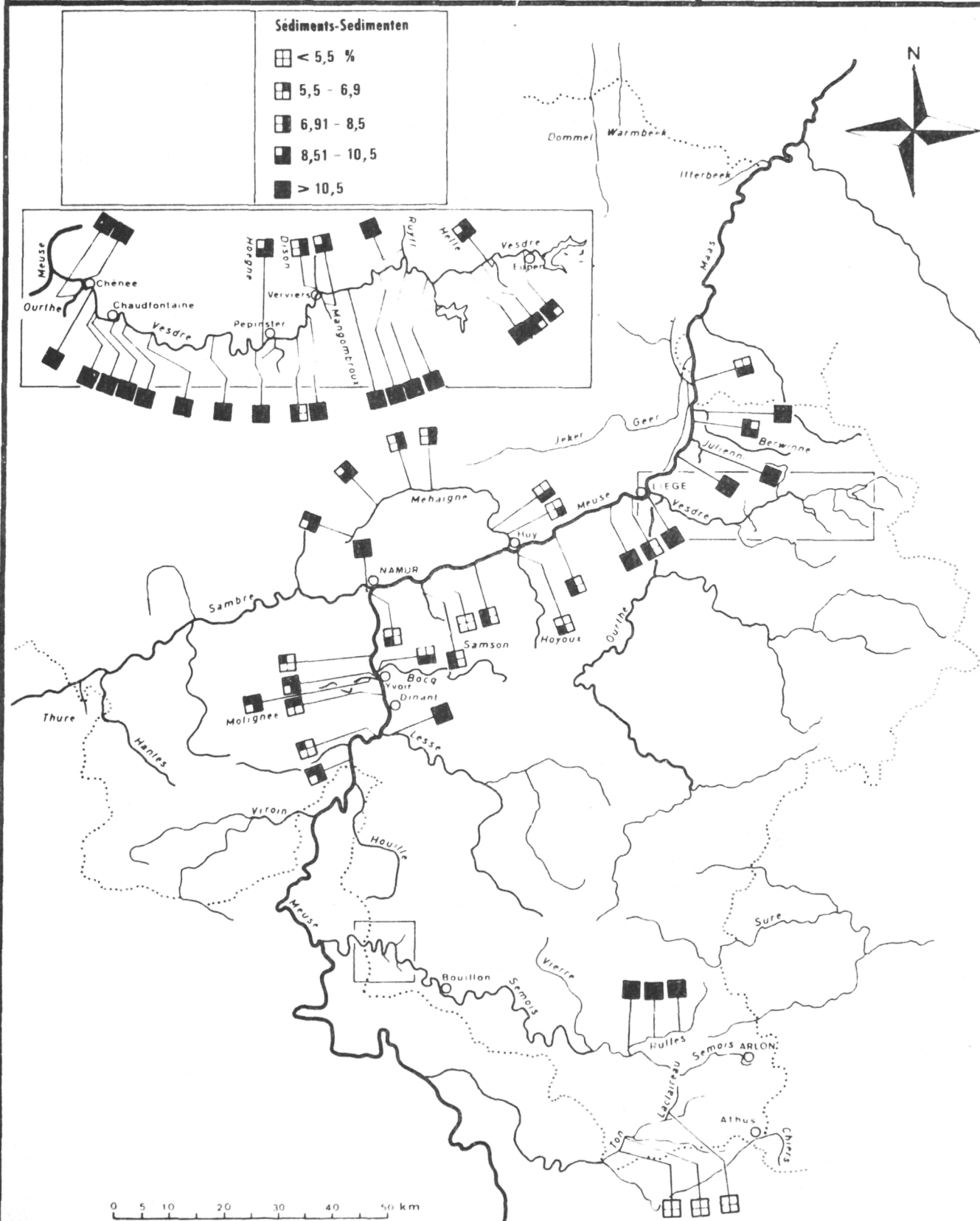
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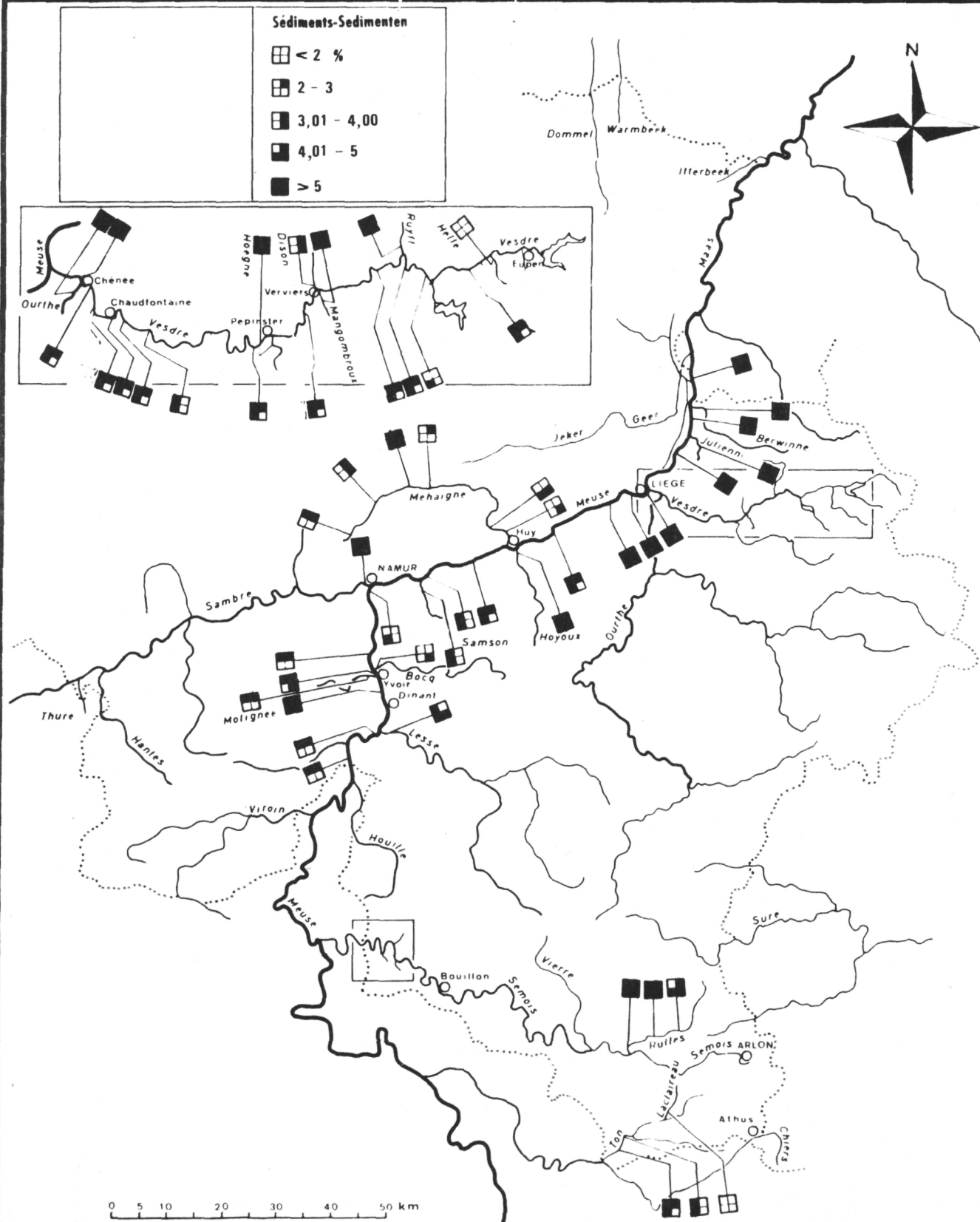
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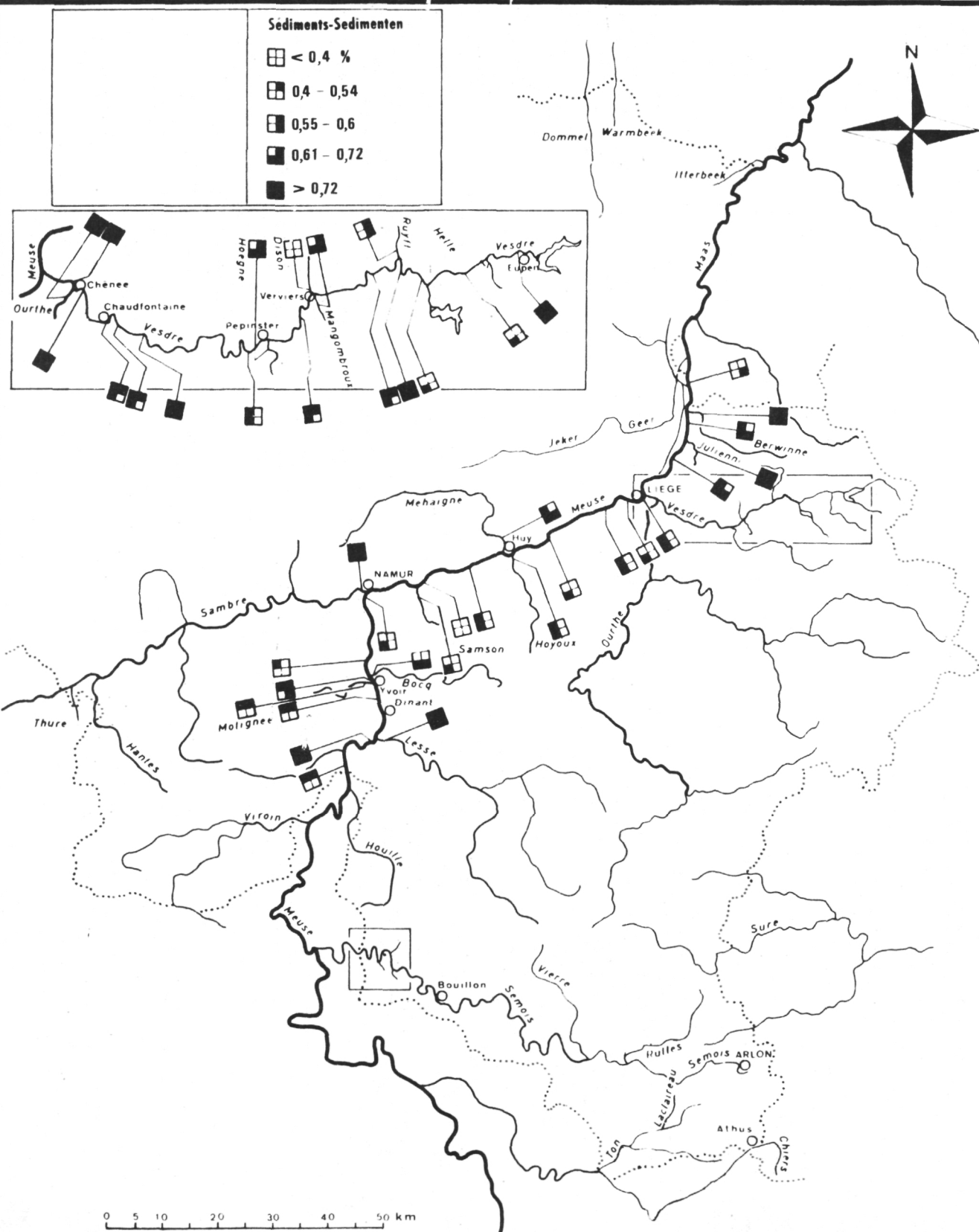
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Sédiments-Sedimenten

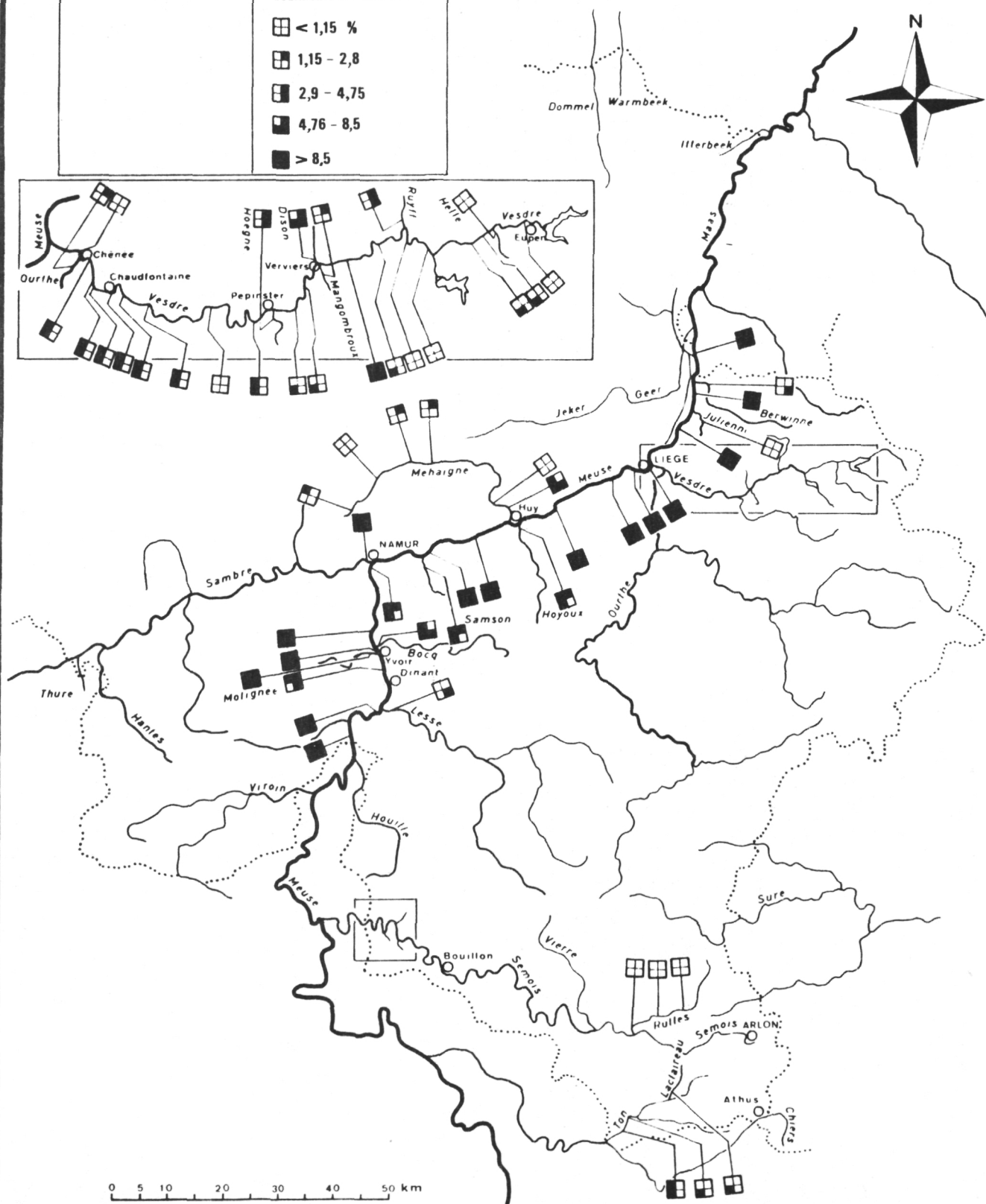
- < 1,15 %

 1,15 - 2,8

 2,9 - 4,75

 4,76 - 8,5

 > 8,5



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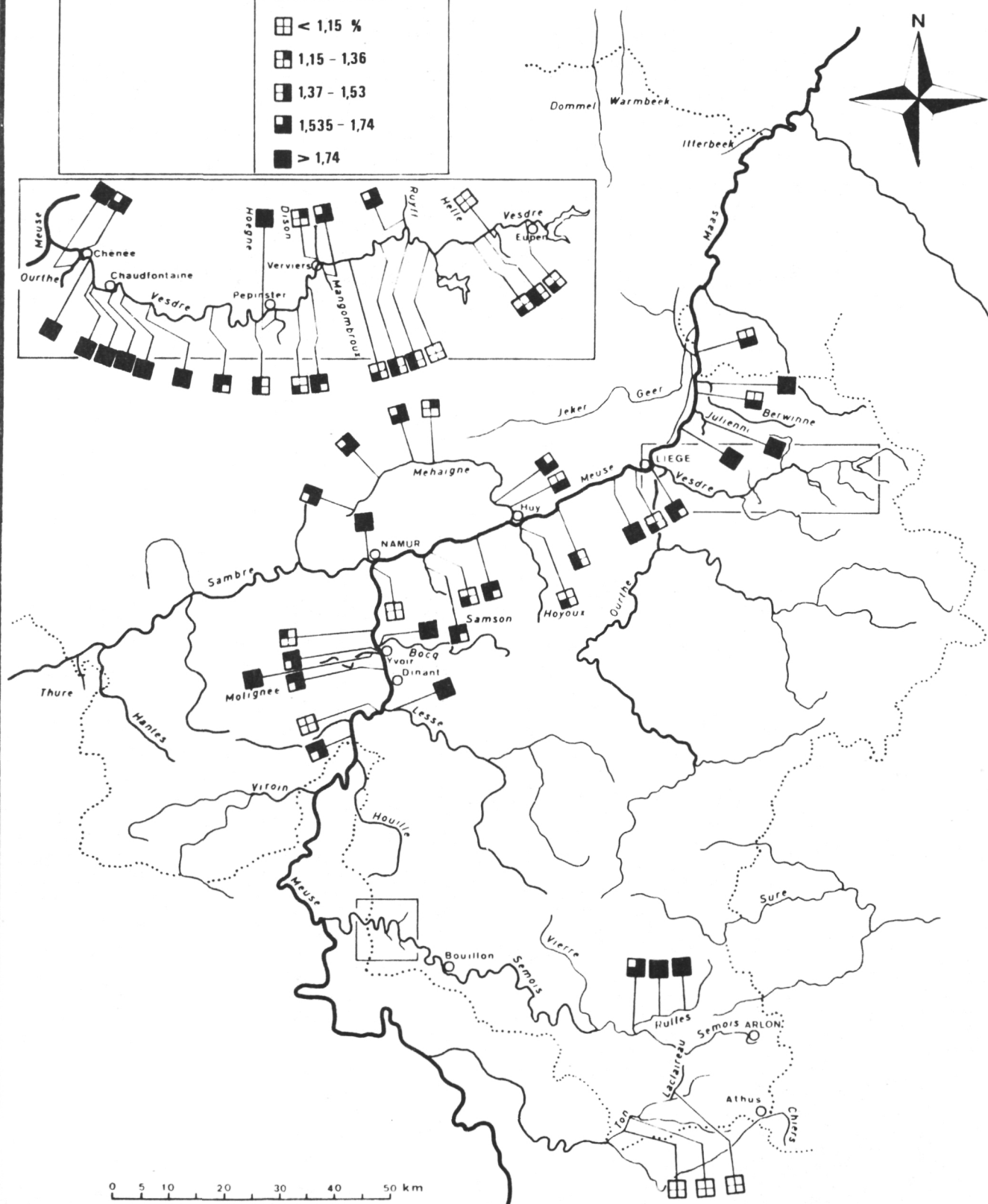
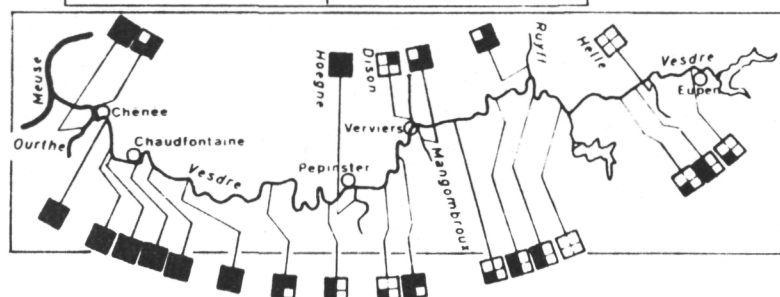
 K_{20}

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Sédiments-Sedimenten

-  < 1,15 %
 1,15 - 1,36
 1,37 - 1,53
 1,535 - 1,74
 > 1,74



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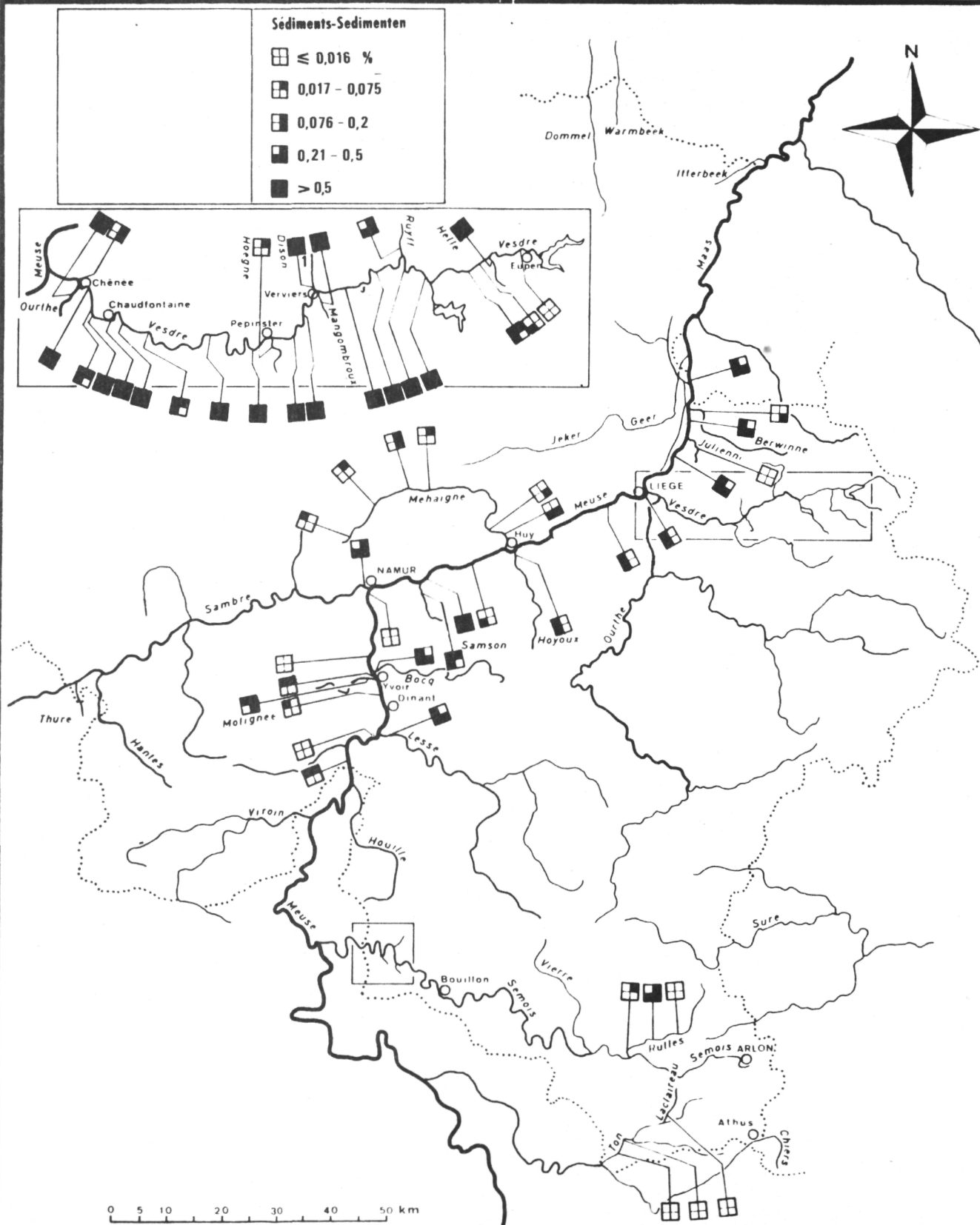
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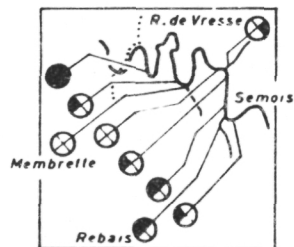
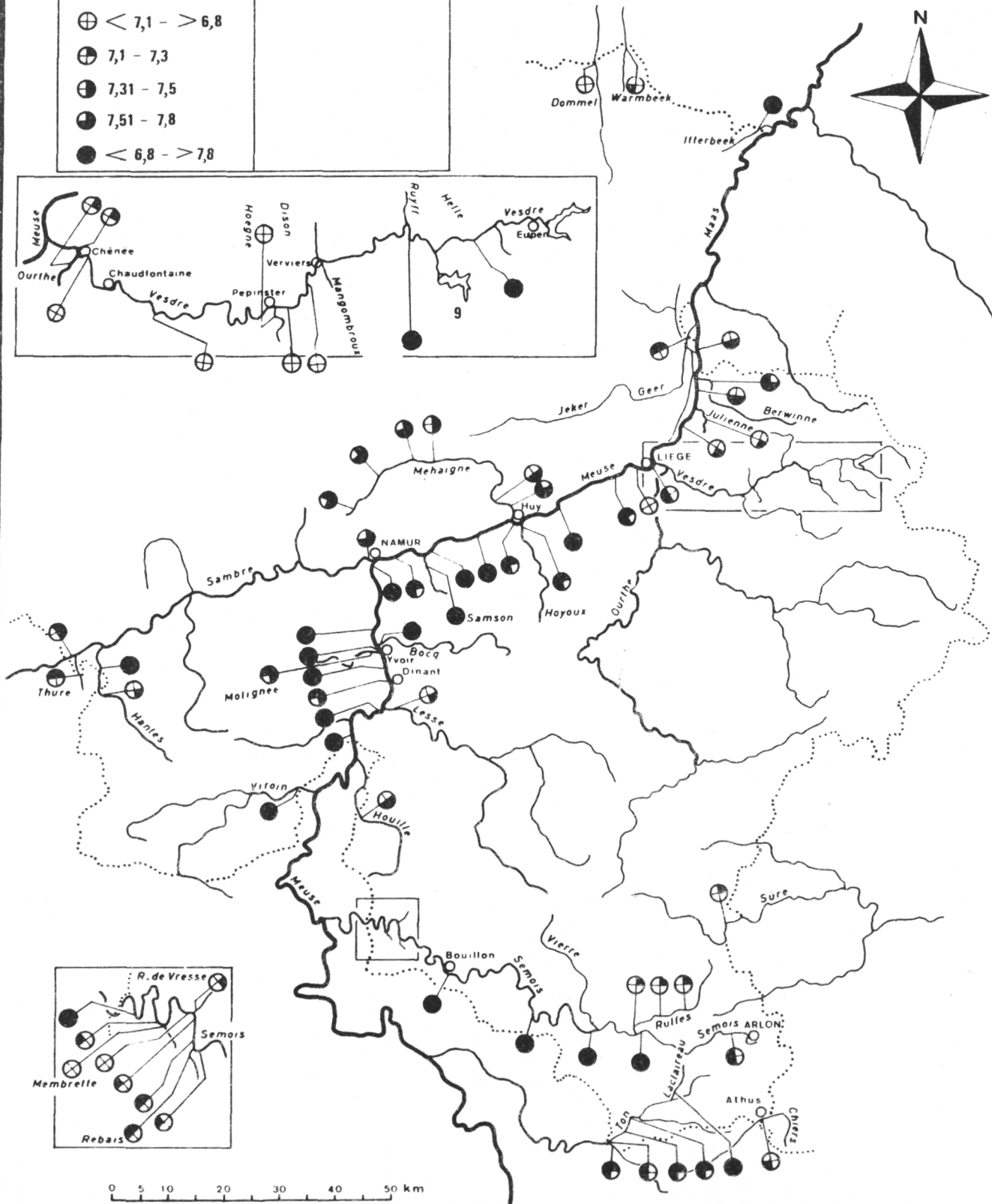
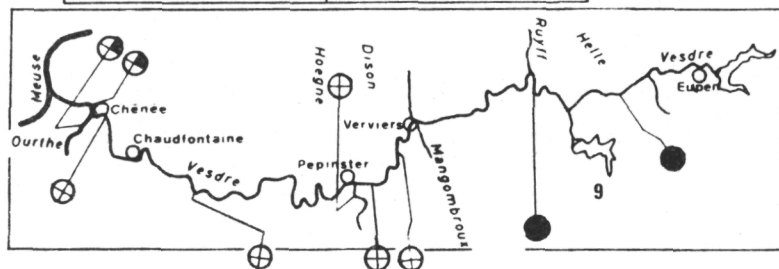
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Euro-Water

- ⊕ < 7,1 - > 6,8
- ⊕ 7,1 - 7,3
- ⊕ 7,31 - 7,5
- ⊕ 7,51 - 7,8
- < 6,8 - > 7,8



0 5 10 20 30 40 50 km

MEUSE ET AFFLUENTS

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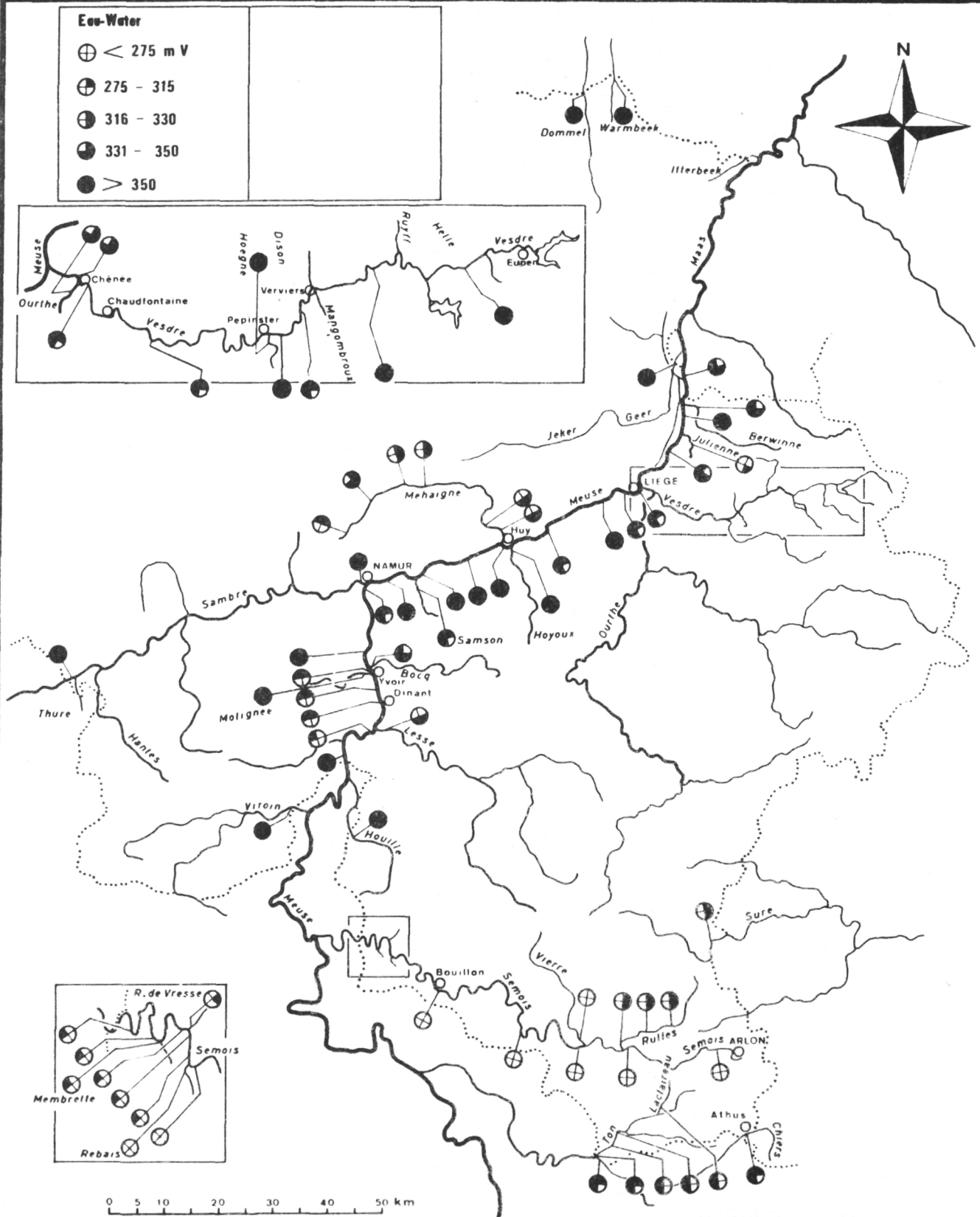
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Eau-Water

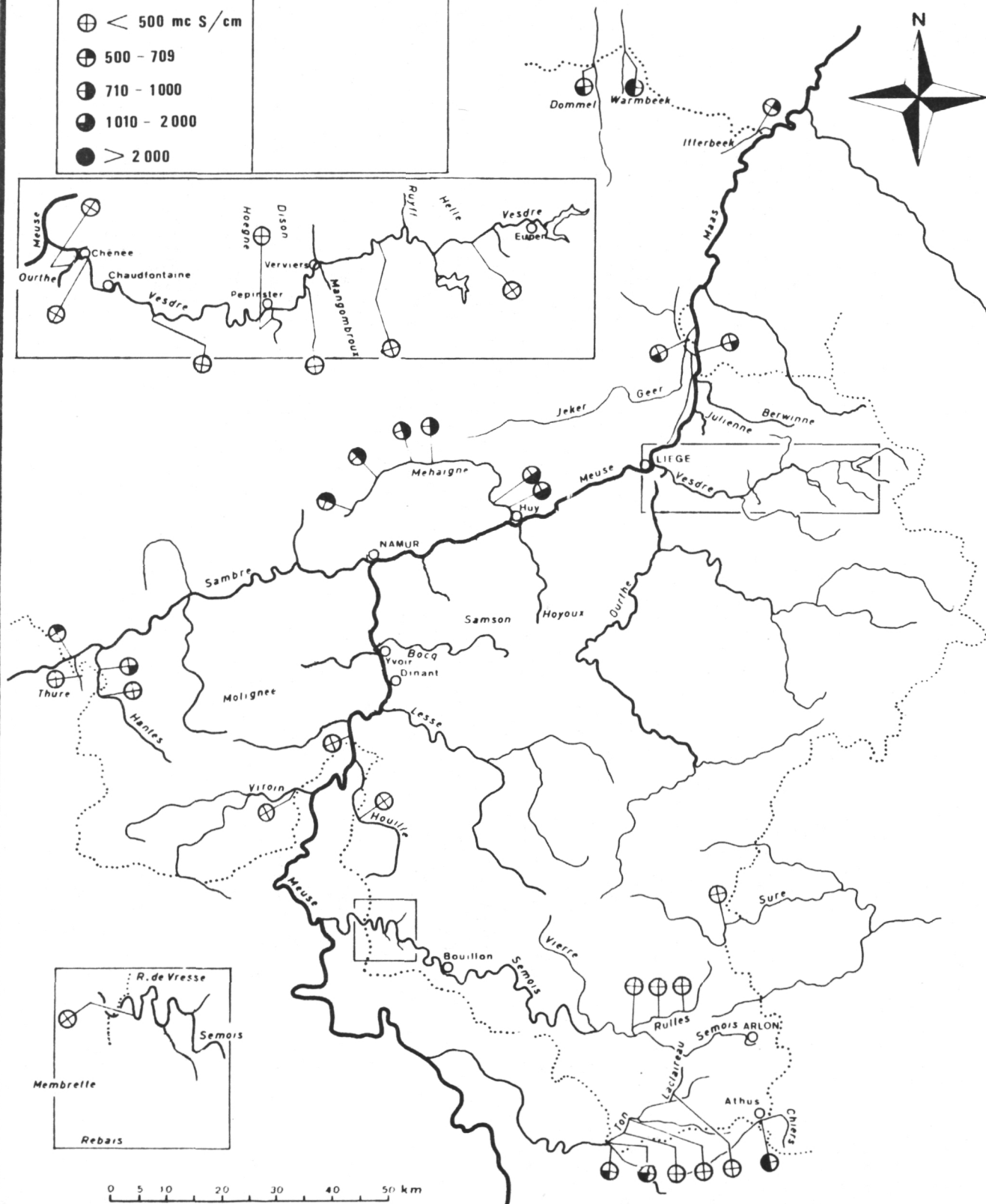
⊕ < 500 mc S/cm

⊕ 500 - 709

⊕ 710 - 1000

⊕ 1010 - 2000

● > 2000



MEUSE ET AFFLUENTS

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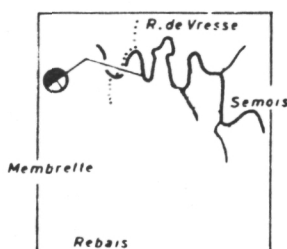
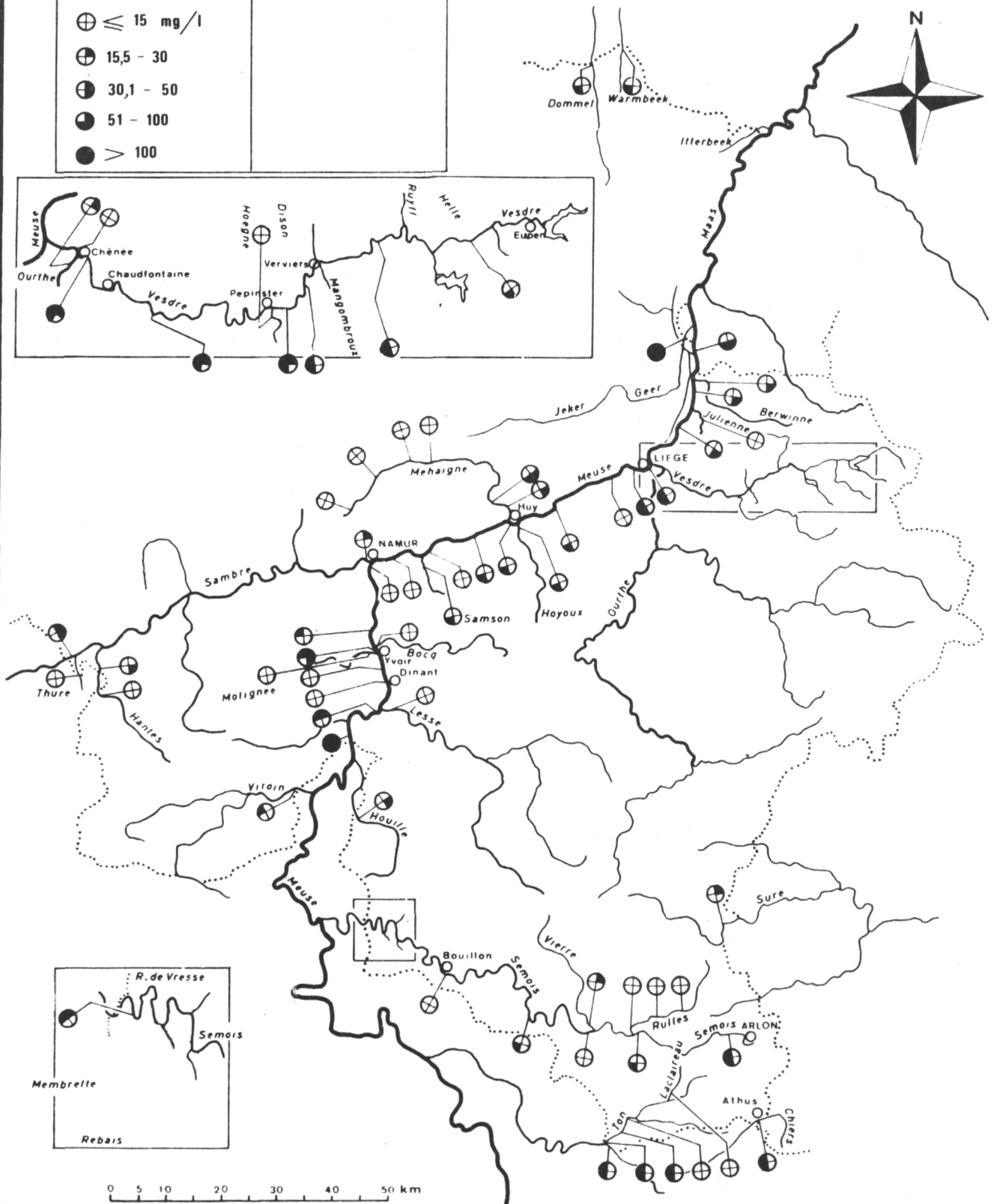
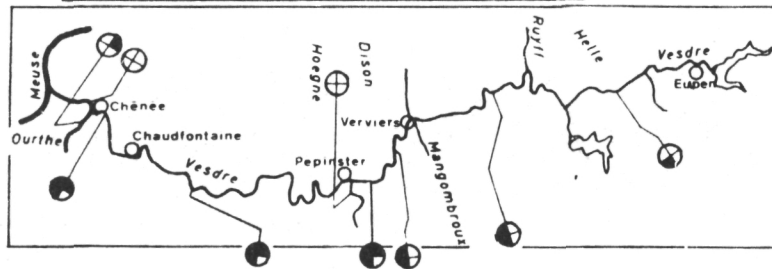
Susp. M.

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Eau-Water

- ⊕ ≤ 15 mg/l
- ⊕ 15,5 - 30
- ⊕ 30,1 - 50
- 51 - 100
- > 100



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02

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Eau-Water

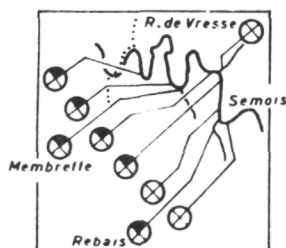
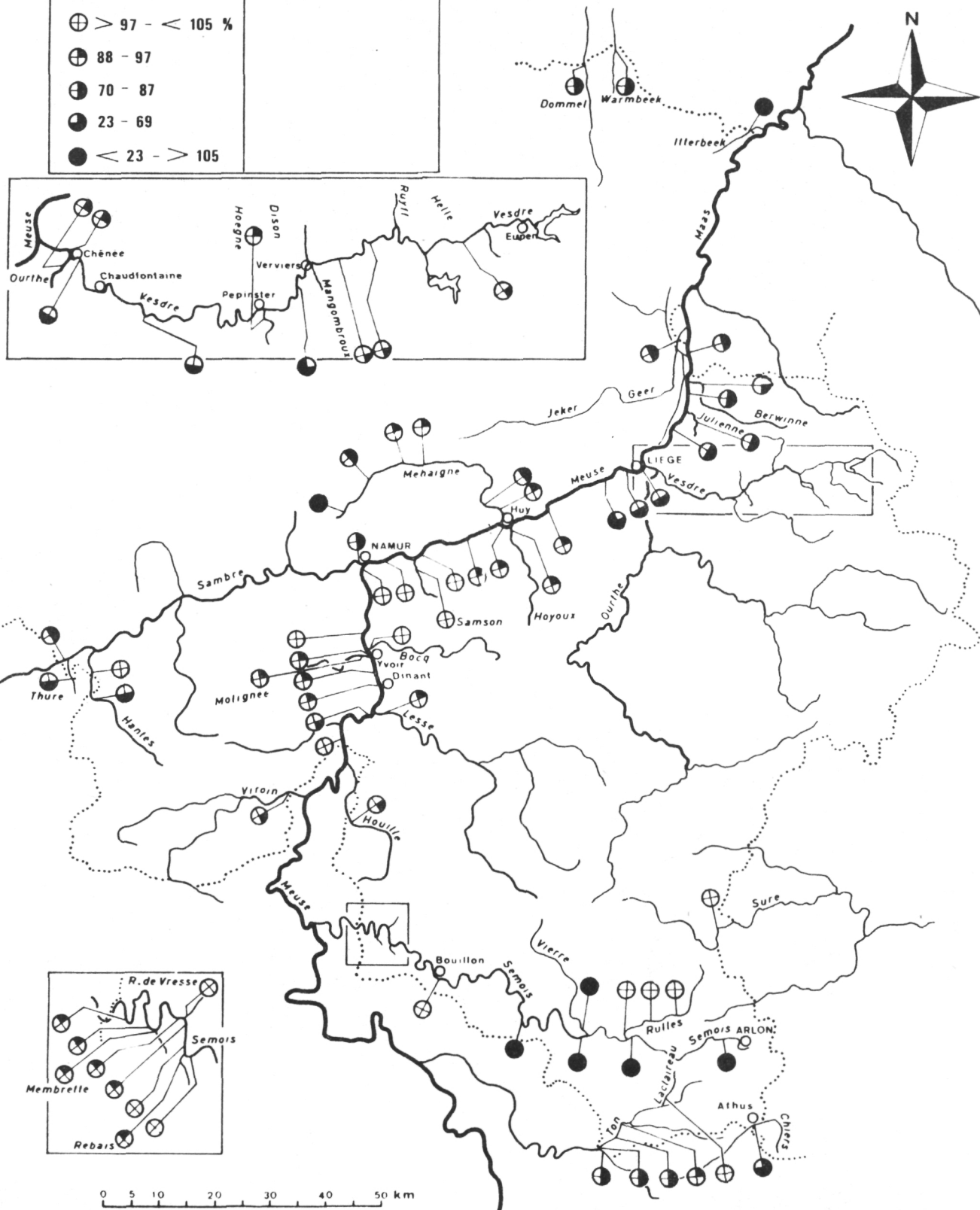
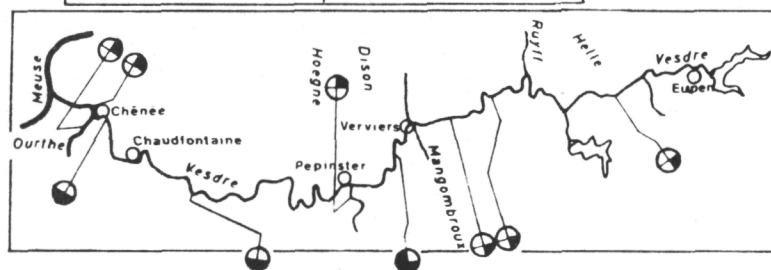
⊕ > 97 - < 105 %

⊗ 88 - 97

⊖ 70 - 87

● 23 - 69

● < 23 - > 105



0 5 10 20 30 40 50 km

MEUSE ET AFFLUENTS

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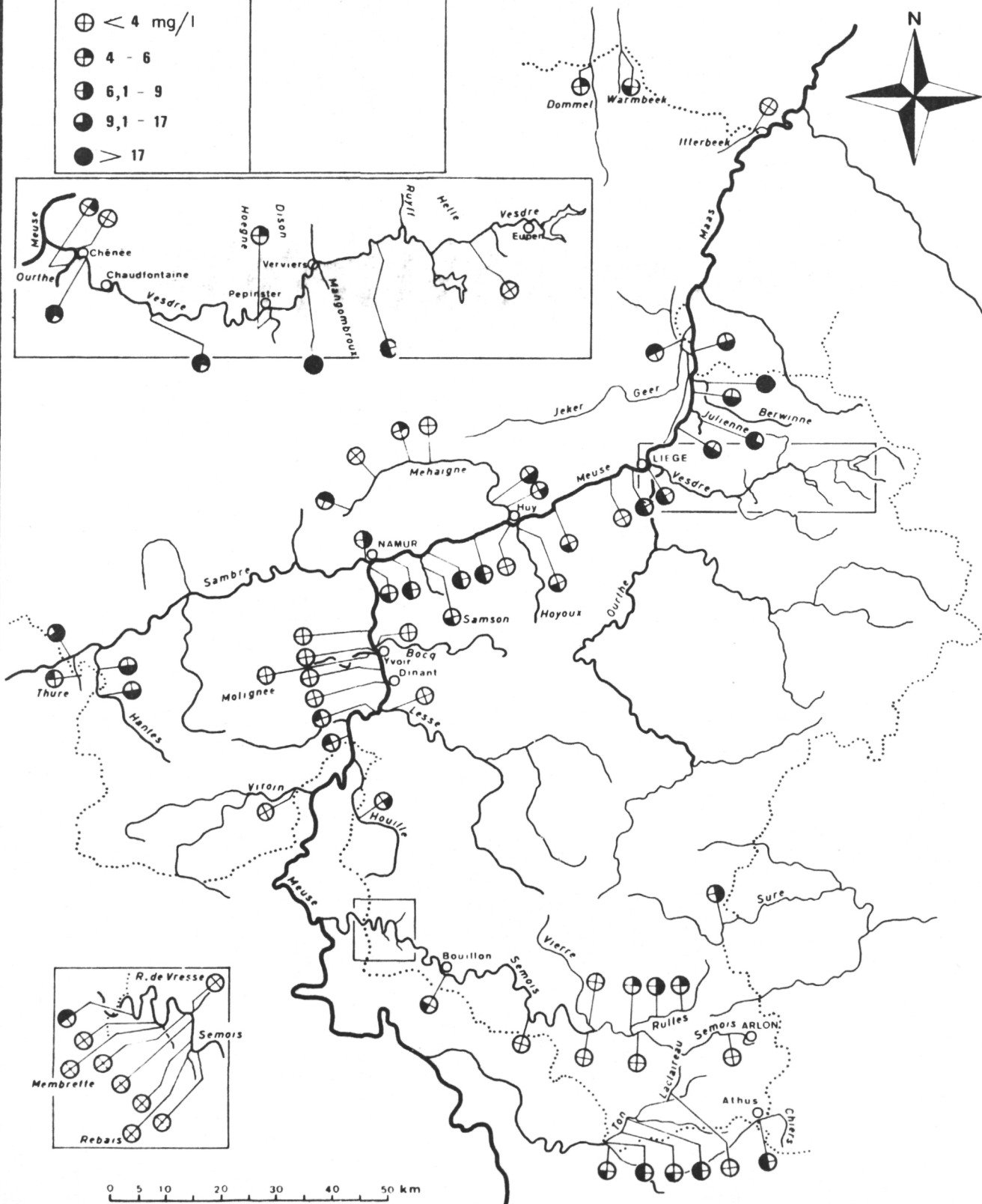
BOD₅

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Eau-Water

- ⊕ < 4 mg/l
- ⊕ 4 - 6
- ⊕ 6,1 - 9
- 9,1 - 17
- > 17



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Eau-Water

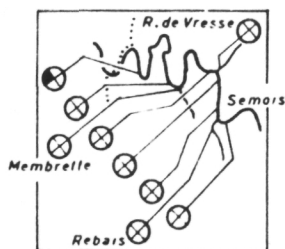
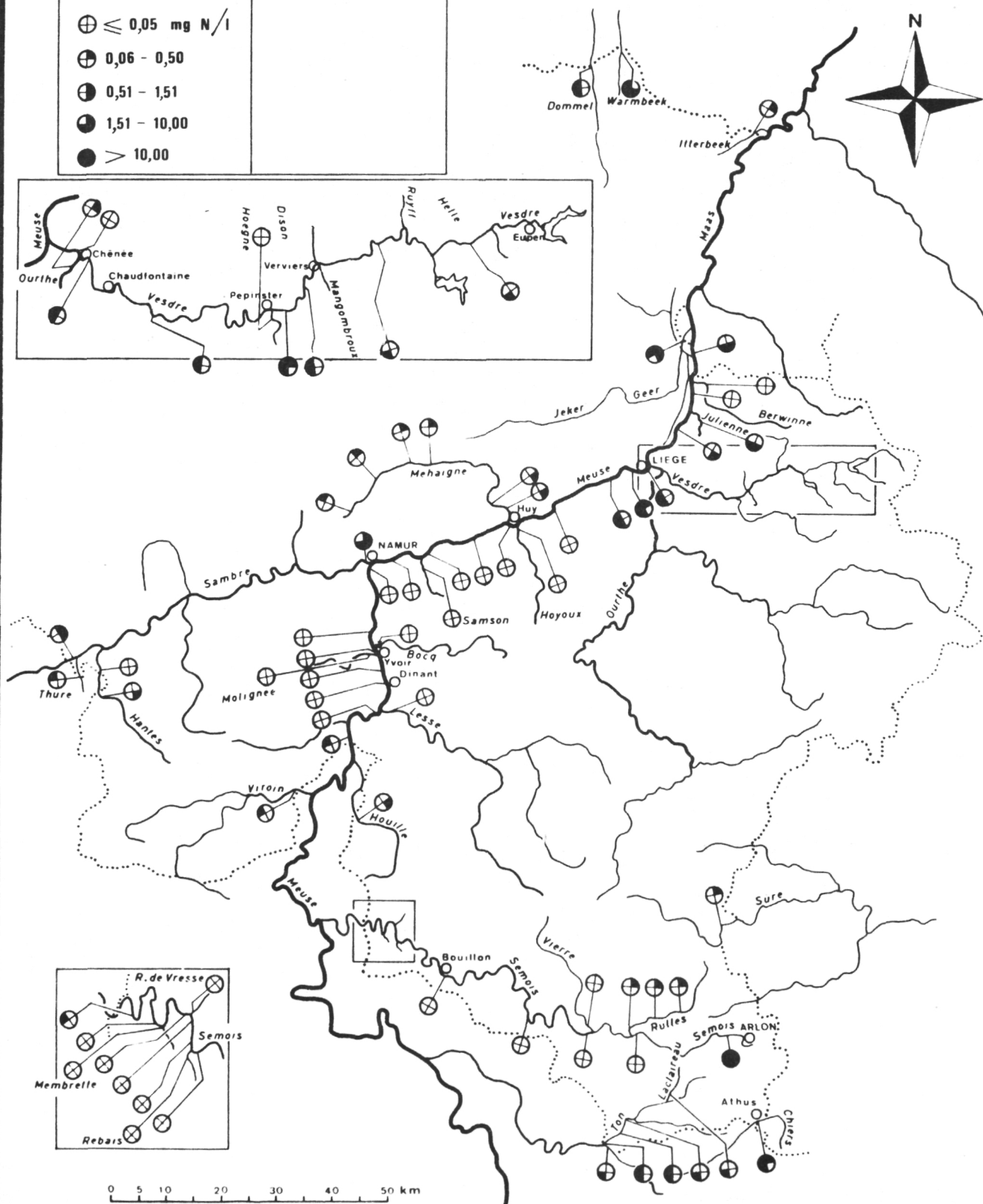
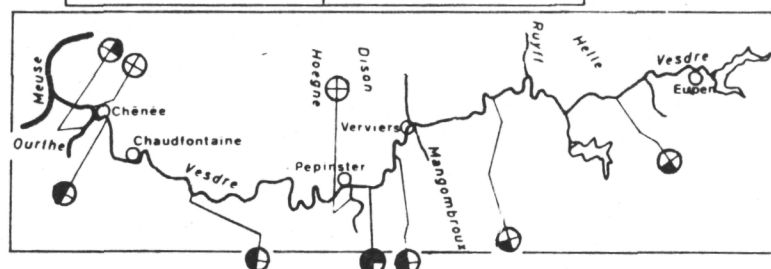
⊕ ≤ 0,05 mg N/l

⊕ 0,06 - 0,50

⊕ 0,51 - 1,51

⊕ 1,51 - 10,00

● > 10,00



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Eau-Water

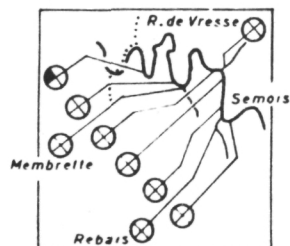
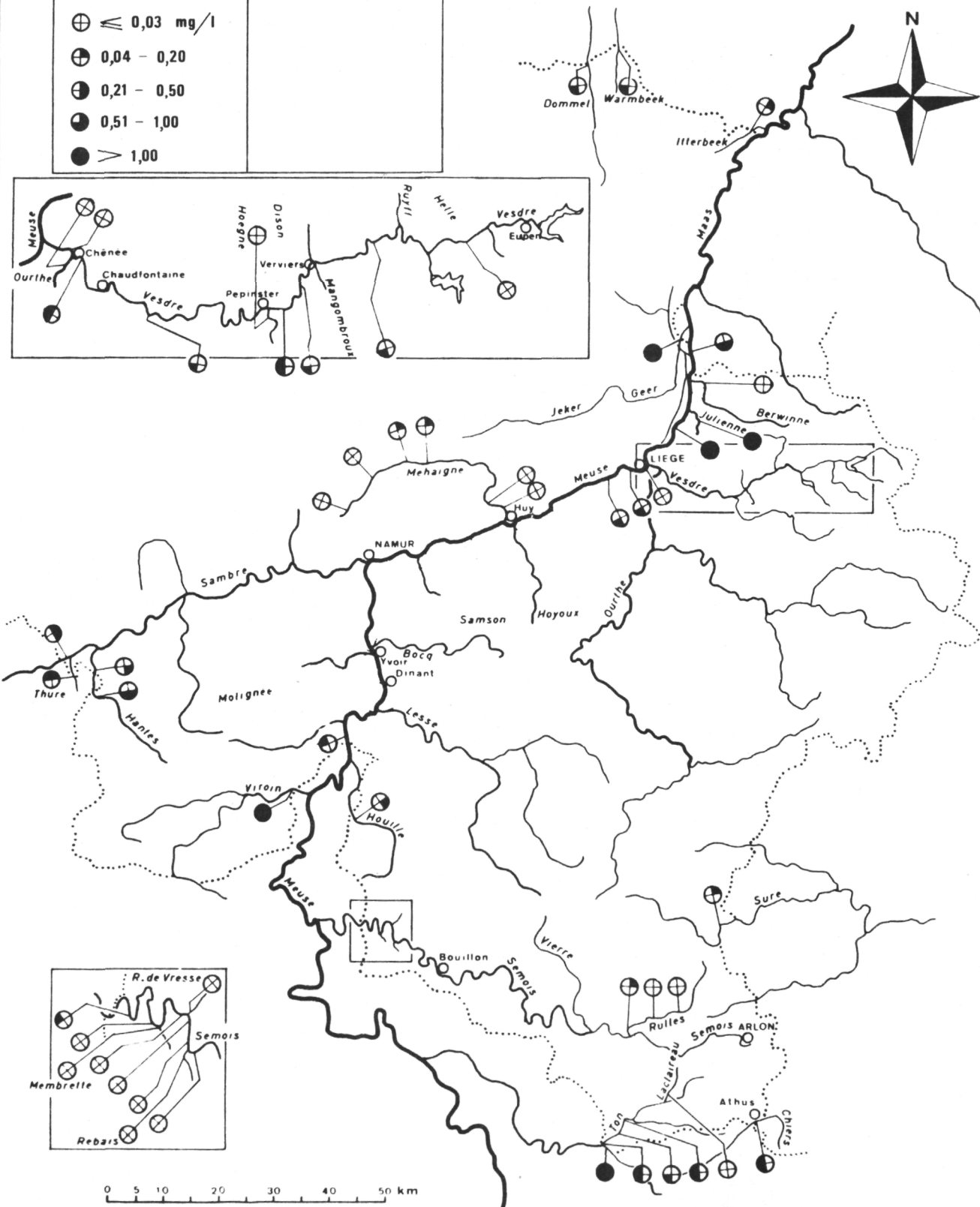
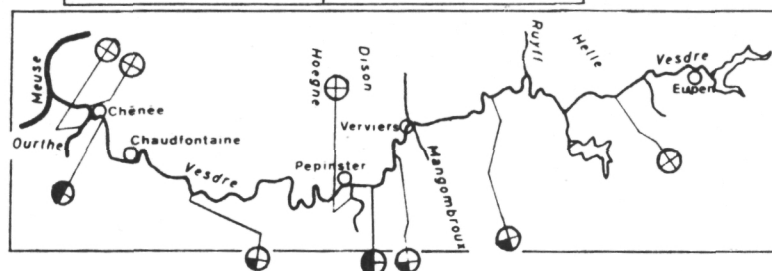
⊕ ≤ 0,03 mg/l

⊕ 0,04 - 0,20

⊕ 0,21 - 0,50

⊕ 0,51 - 1,00

● > 1,00



0 5 10 20 30 40 50 km

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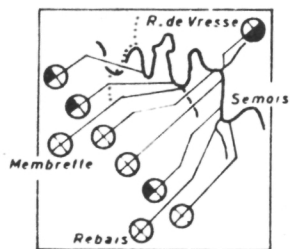
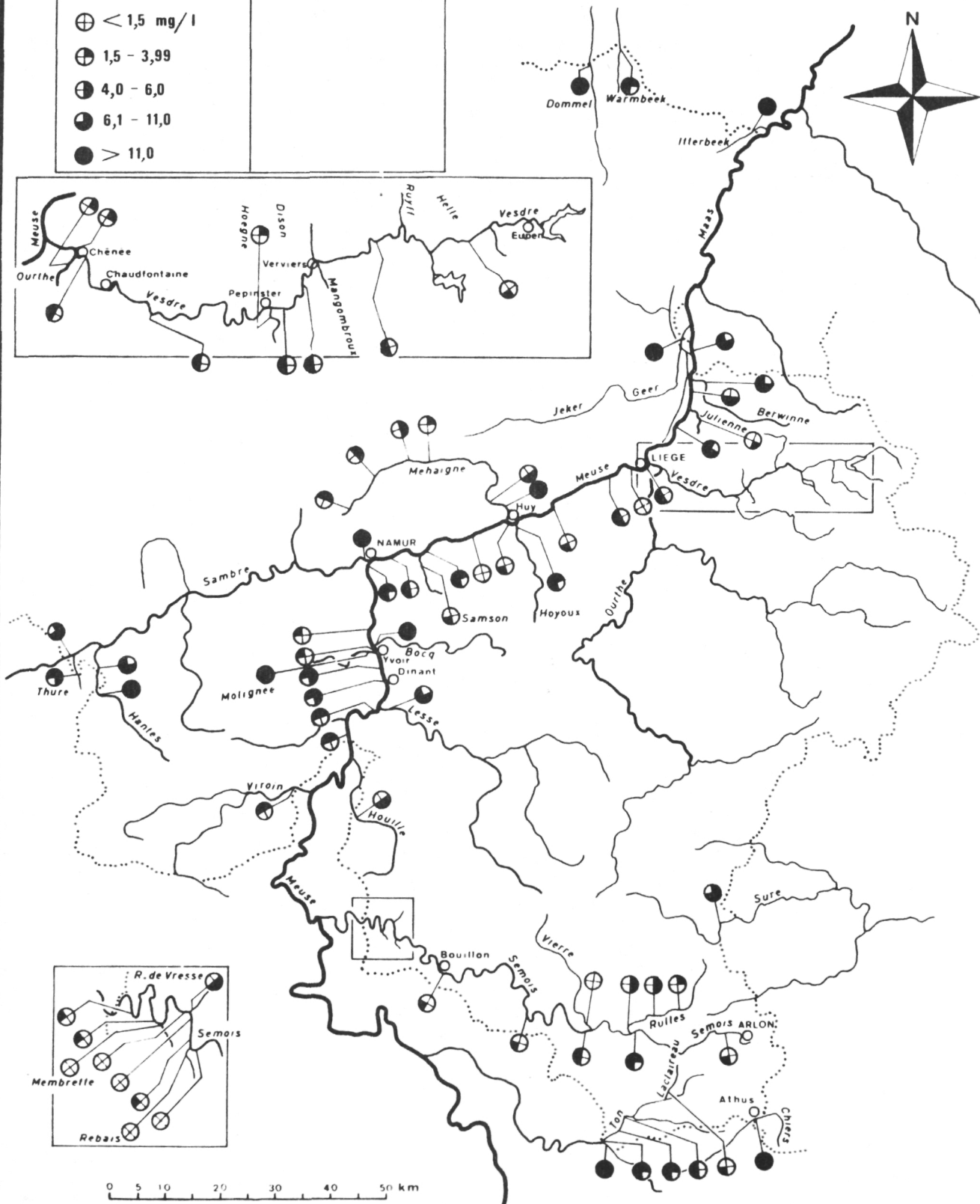
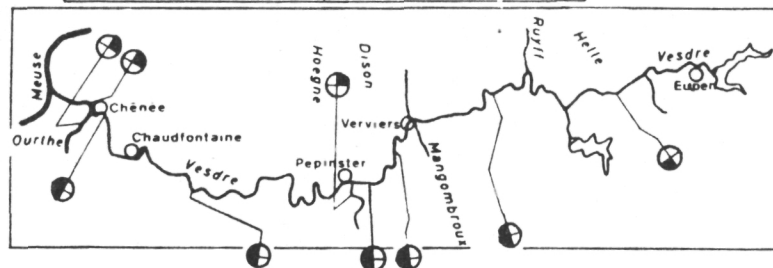
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Eau-Water

- ⊕ < 1,5 mg/l
- ⊕ 1,5 - 3,99
- ⊕ 4,0 - 6,0
- ⊕ 6,1 - 11,0
- > 11,0



0 5 10 20 30 40 50 km

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Eau-Water

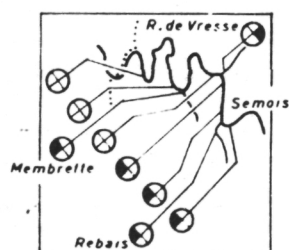
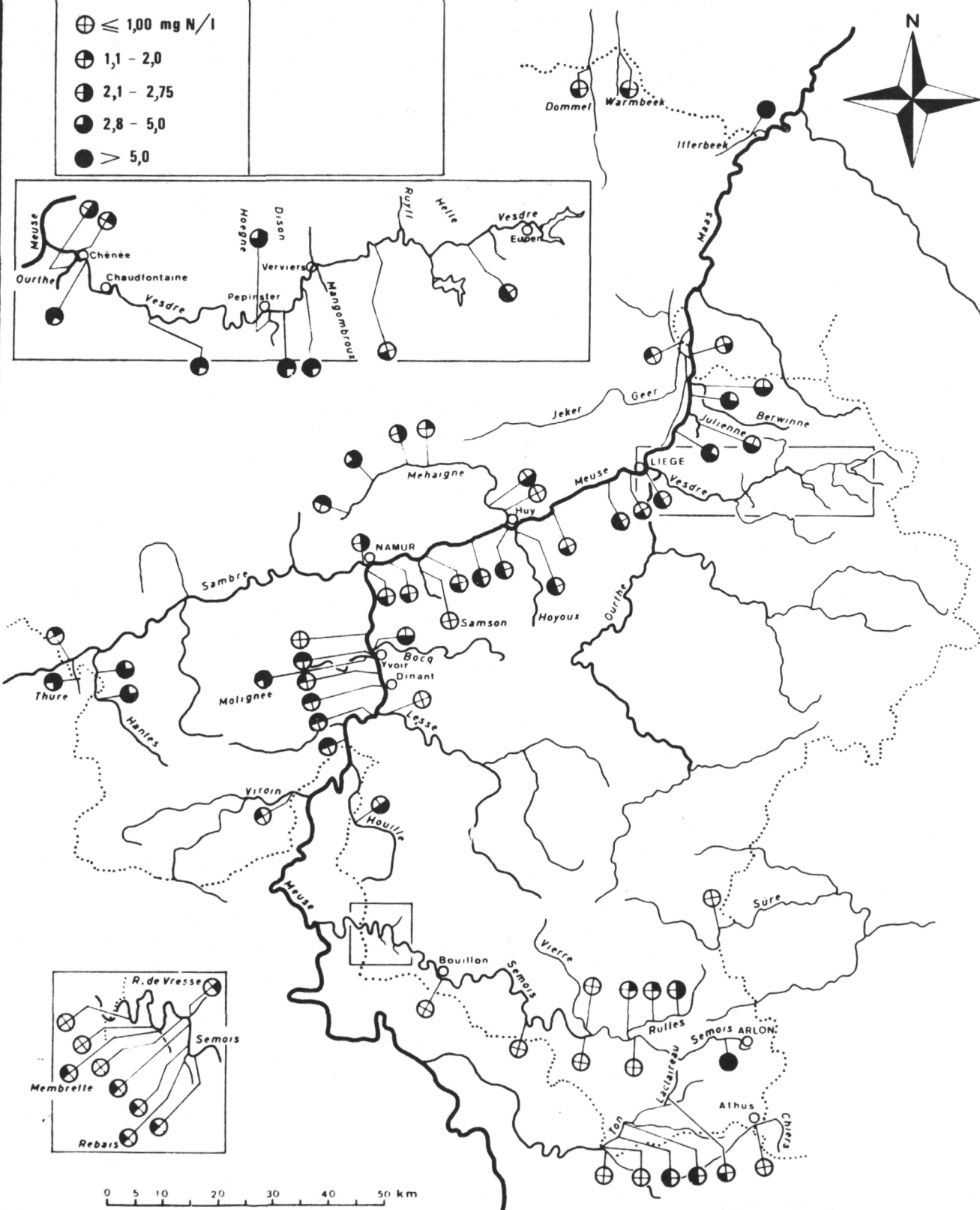
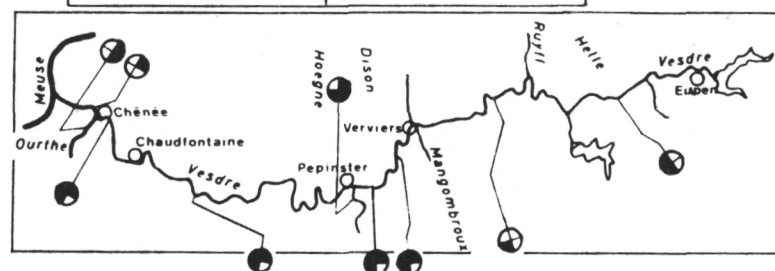
⊕ ≤ 1,00 mg N/l

⊕ 1,1 - 2,0

⊕ 2,1 - 2,75

⊕ 2,8 - 5,0

● > 5,0



0 5 10 20 30 40 50 km

Groupe inventaire C.I.P.S. M 15, M 22 I.C.W.B. inventaris groep

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Eau-Water

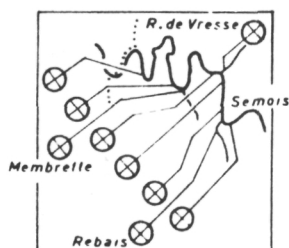
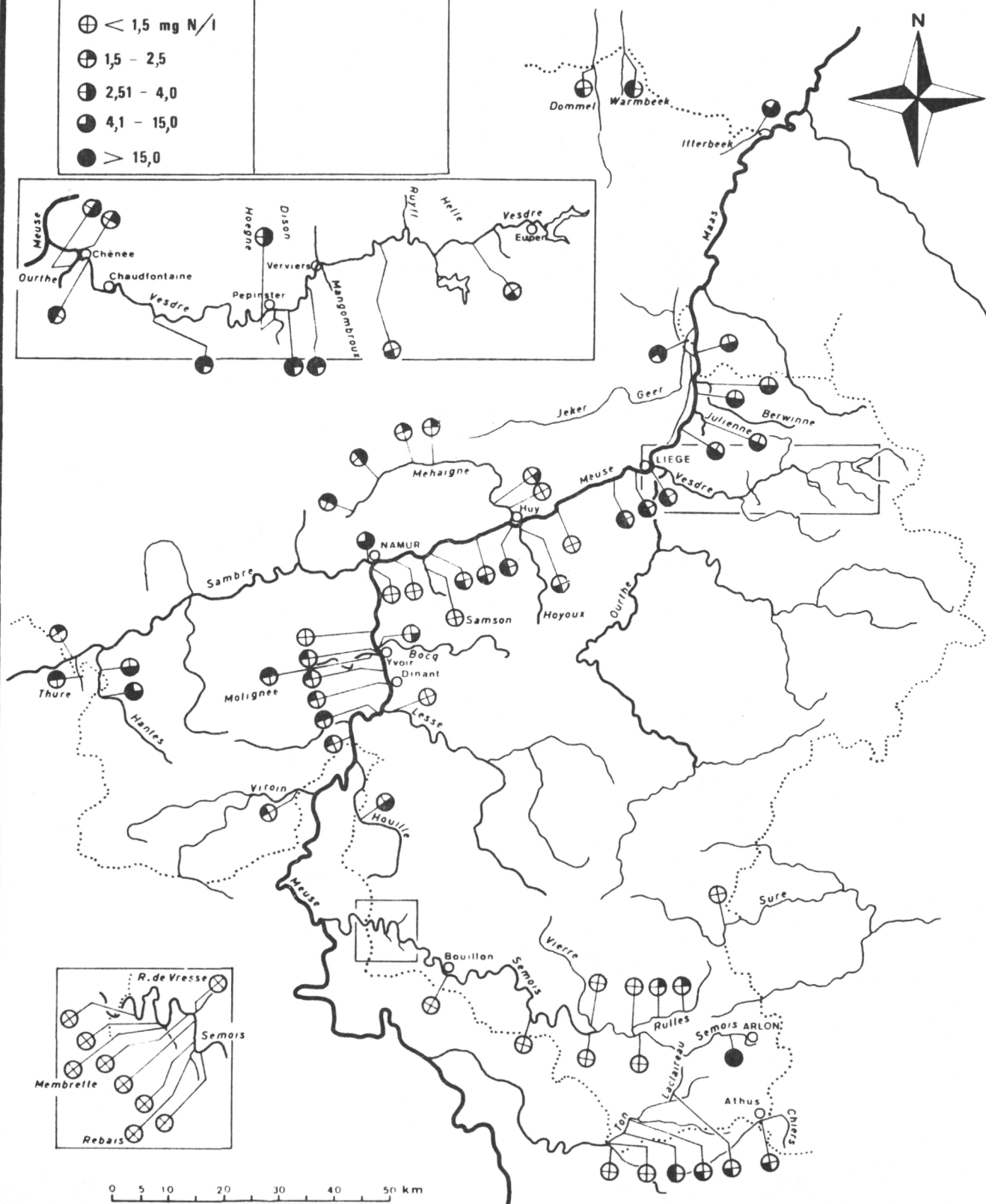
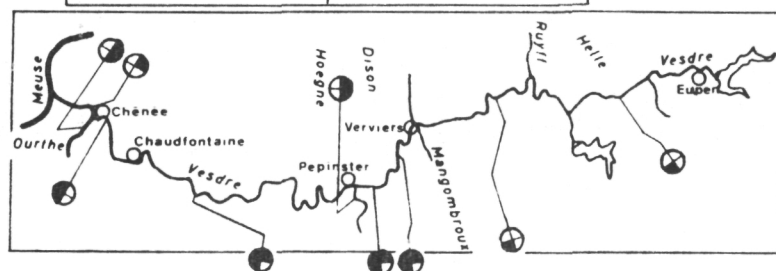
⊕ < 1,5 mg N/l

⊕ 1,5 - 2,5

⊕ 2,51 - 4,0

● 4,1 - 15,0

● > 15,0



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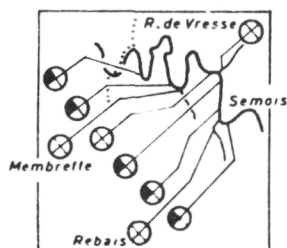
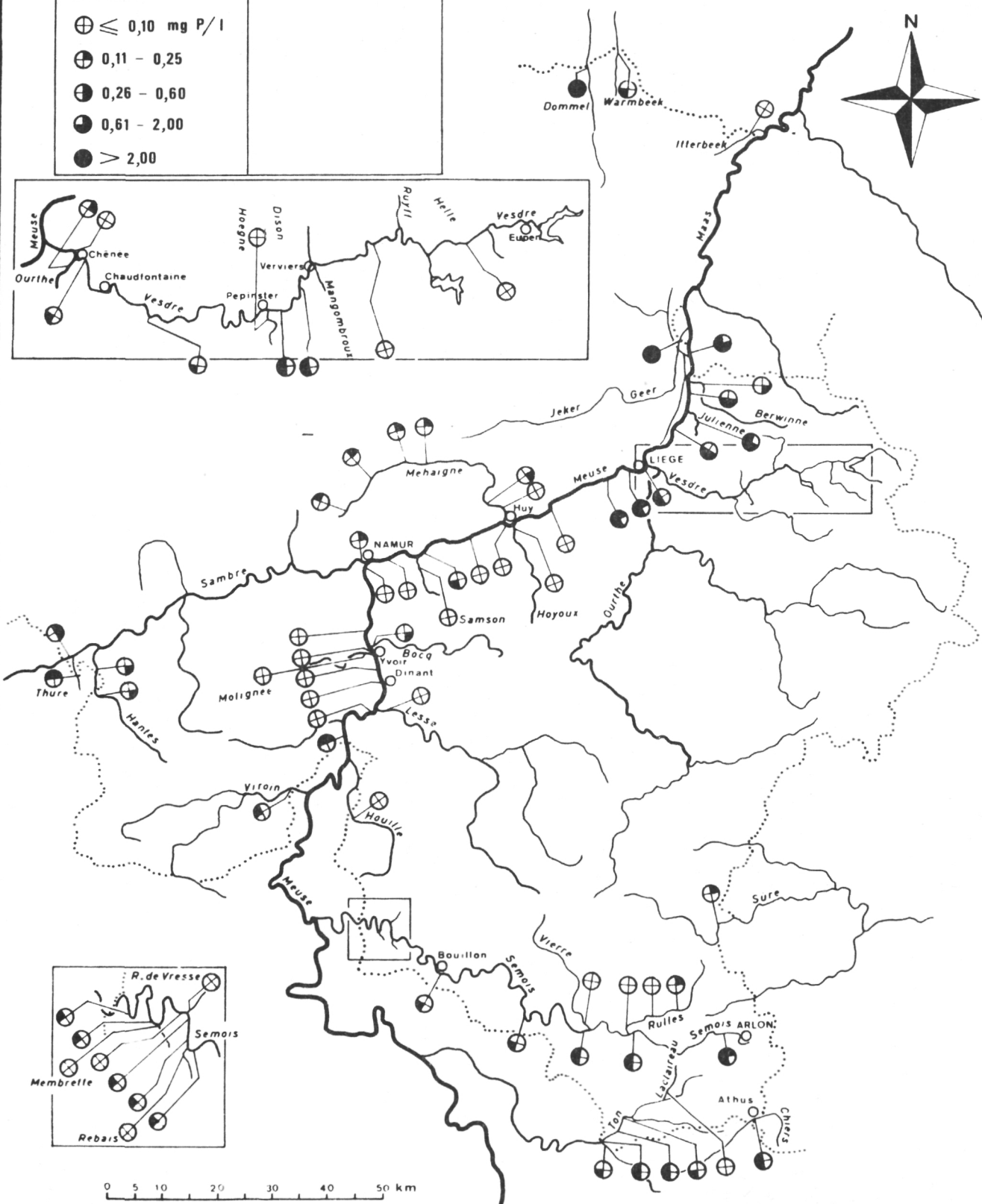
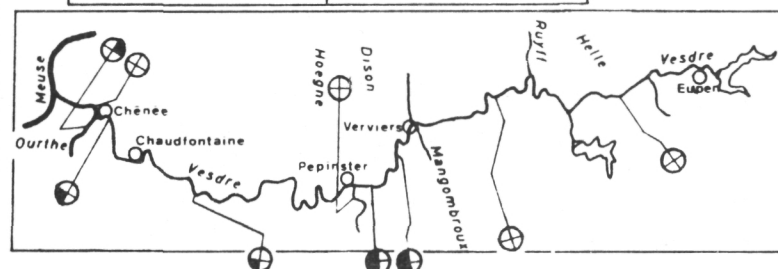
⊕ ≤ 0,10 mg P/l

⊕ 0,11 - 0,25

⊕ 0,26 - 0,60

⊕ 0,61 - 2,00

● > 2,00



0 5 10 20 30 40 50 km

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P tot.

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Eau-Water

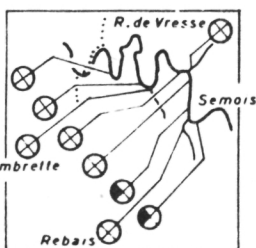
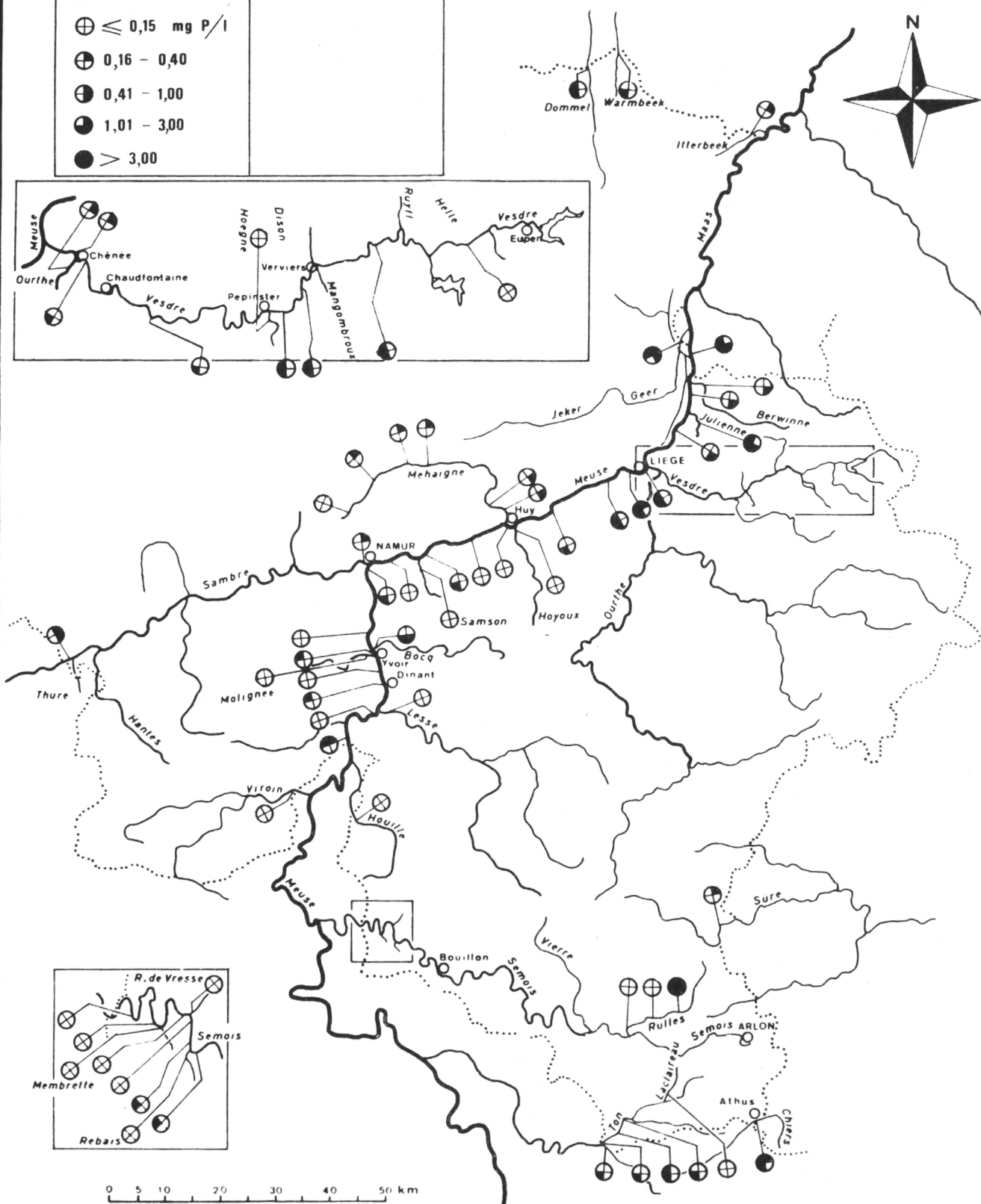
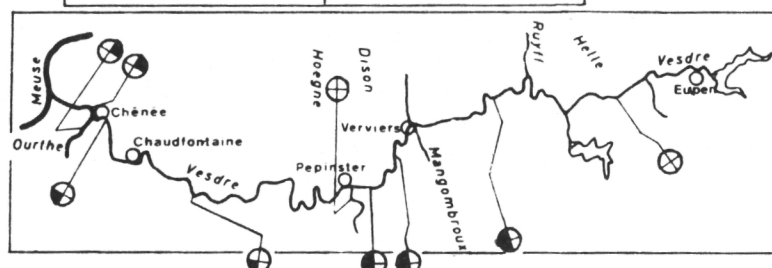
⊕ ≤ 0,15 mg P/l

⊕ 0,16 - 0,40

⊕ 0,41 - 1,00

● 1,01 - 3,00

● > 3,00



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SO₄

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Institut voor Scheikundig Onderzoek

Eau-Water

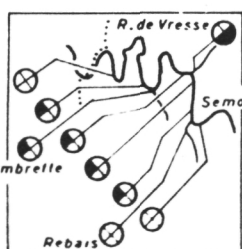
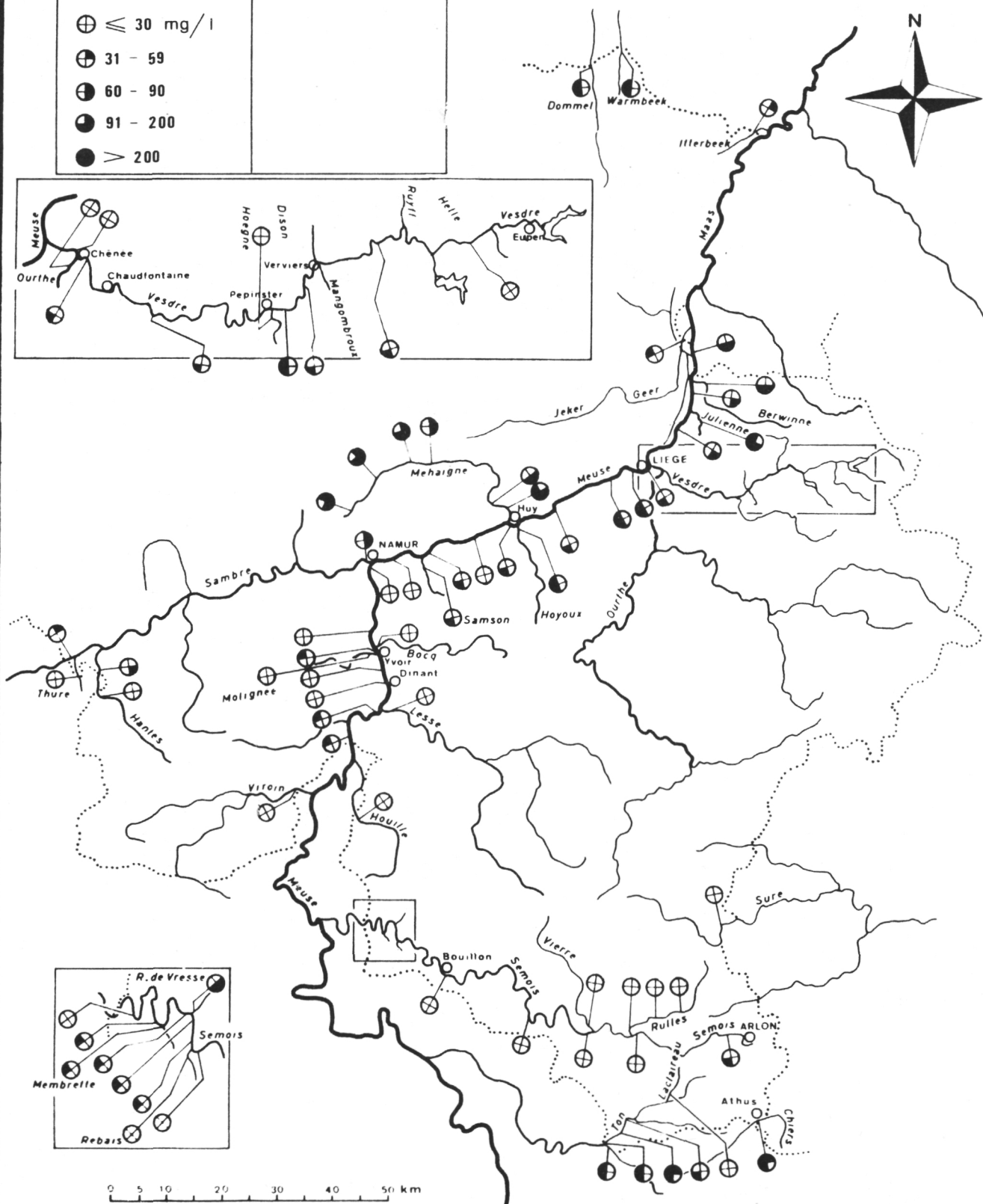
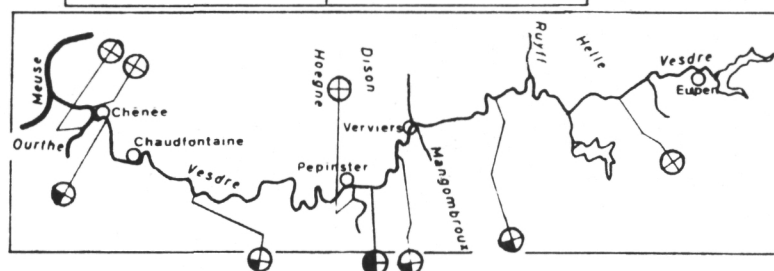
⊕ ≤ 30 mg/l

⊕ 31 - 59

⊕ 60 - 90

⊕ 91 - 200

● > 200



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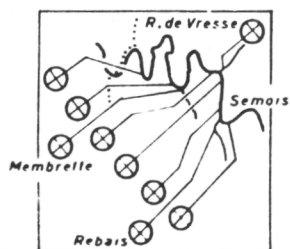
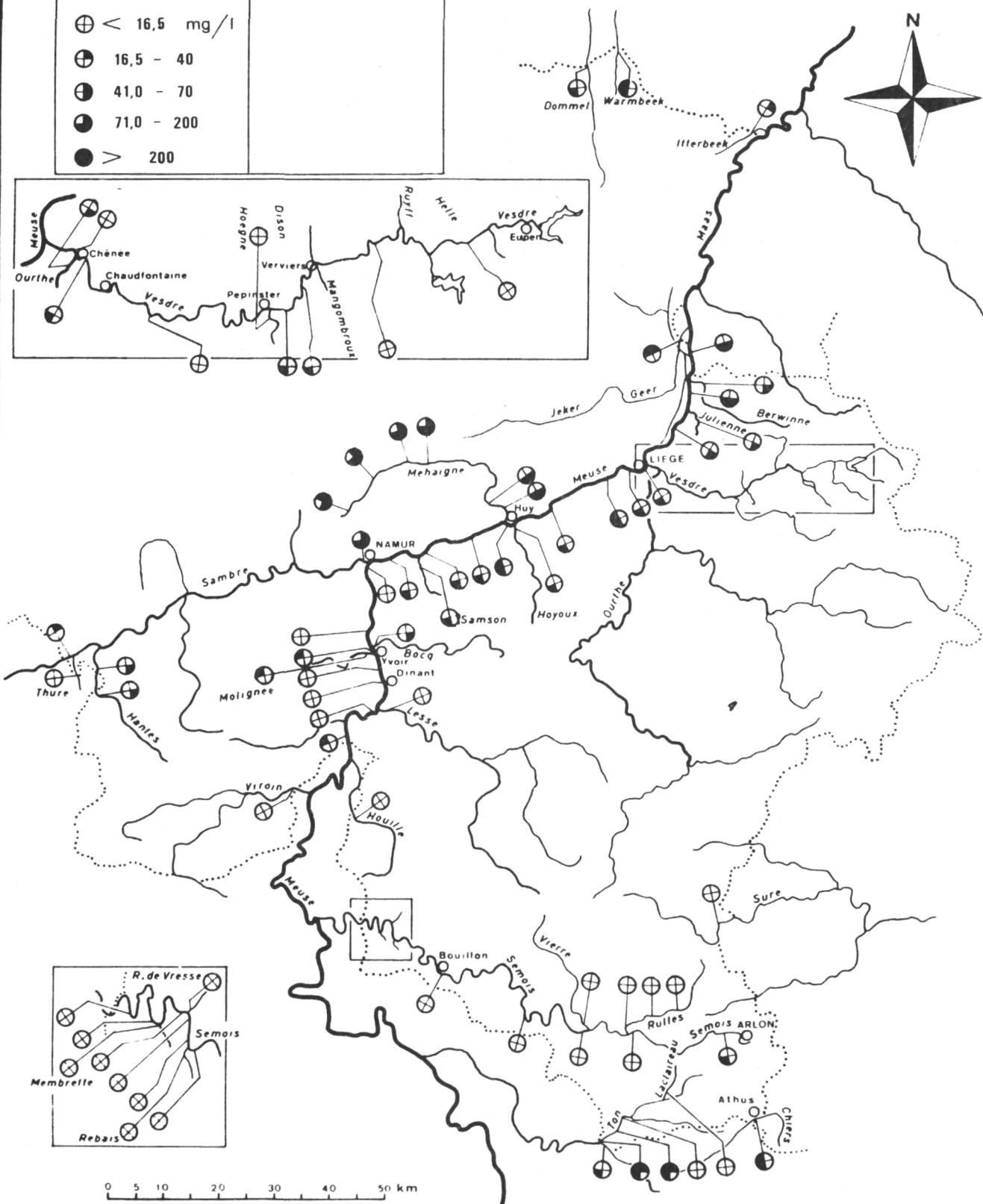
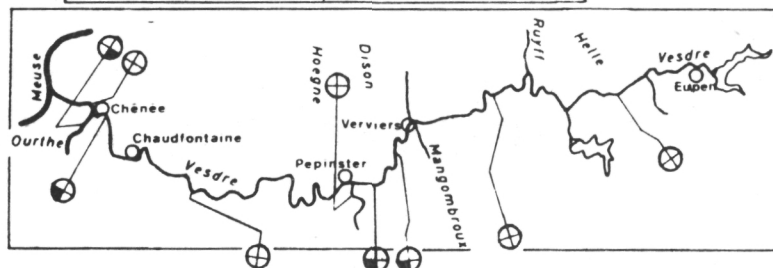
CI-

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Eau-Water

- ⊕ < 16,5 mg/l
- ⊕ 16,5 - 40
- ⊕ 41,0 - 70
- 71,0 - 200
- > 200



0 5 10 20 30 40 50 km

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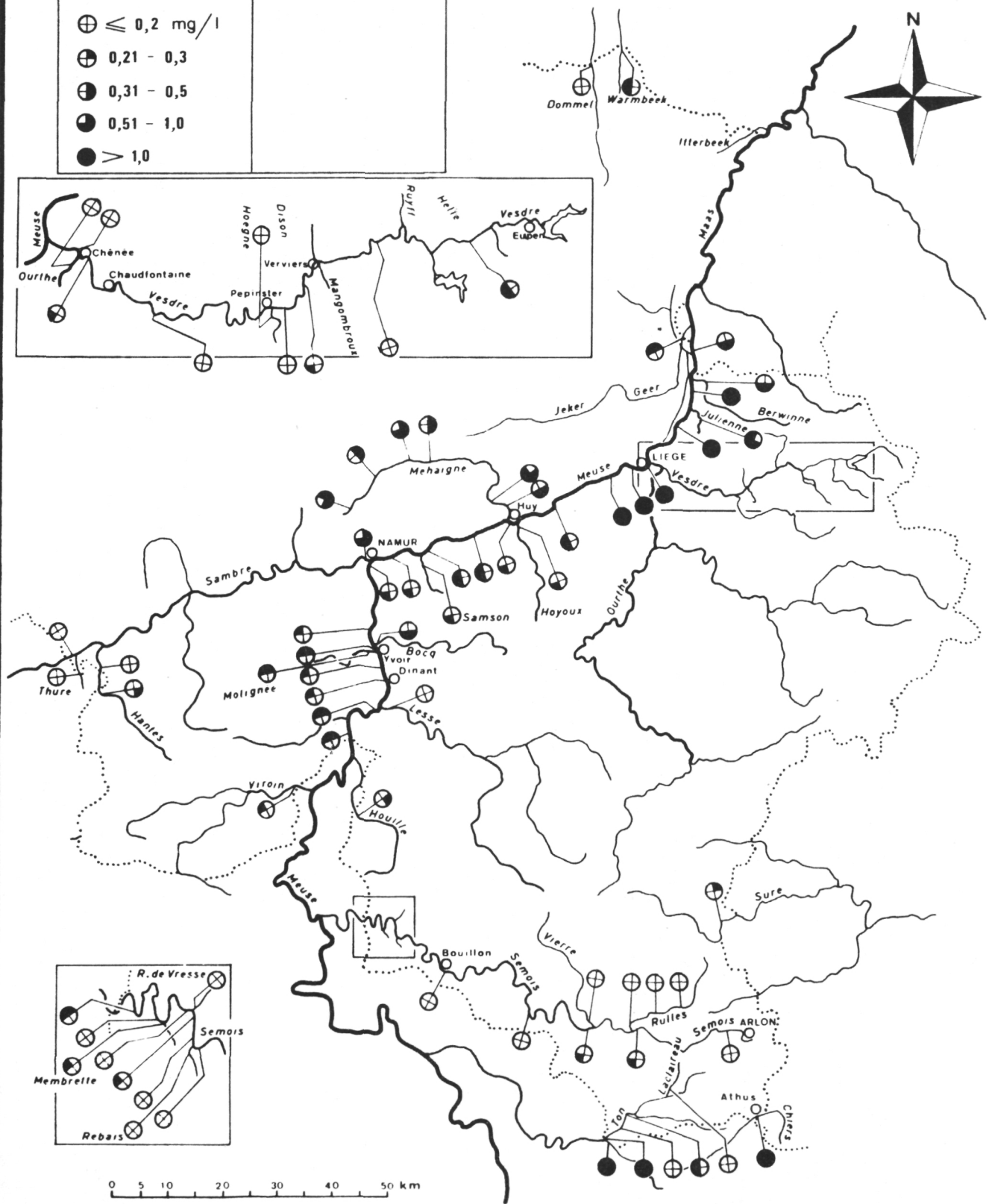
F -

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Eco-Water

- ⊕ ≤ 0,2 mg/l
- ⊕ 0,21 - 0,3
- ⊕ 0,31 - 0,5
- 0,51 - 1,0
- > 1,0



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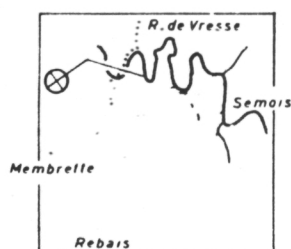
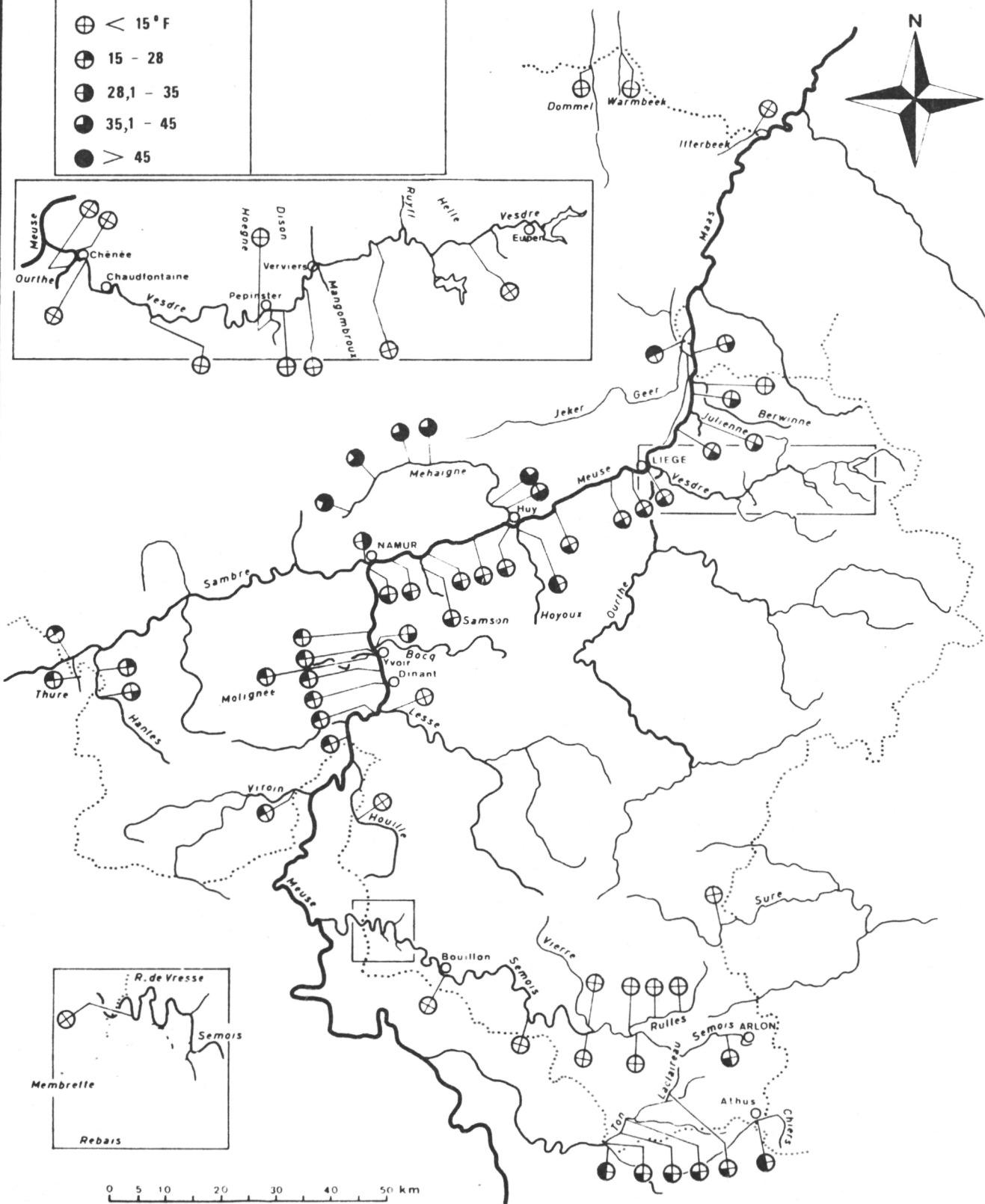
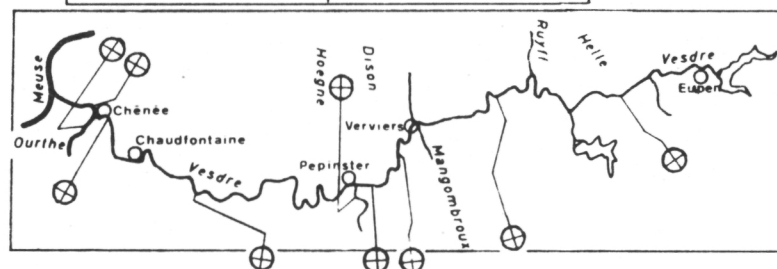
Tot. H

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Eco-Water

- ⊕ < 15° F
- ⊕ 15 - 28
- ⊕ 28,1 - 35
- ⊕ 35,1 - 45
- > 45



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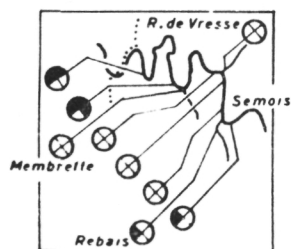
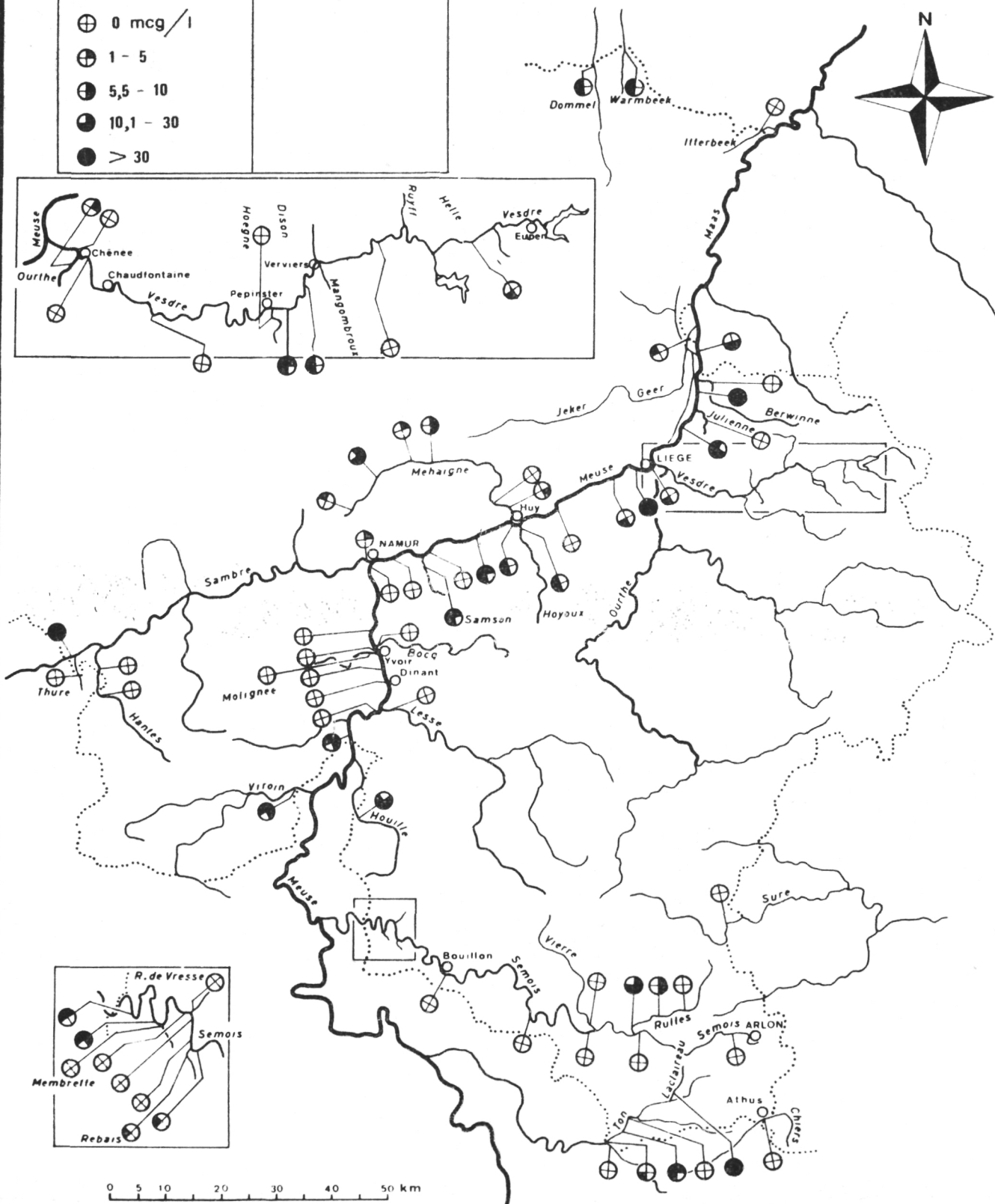
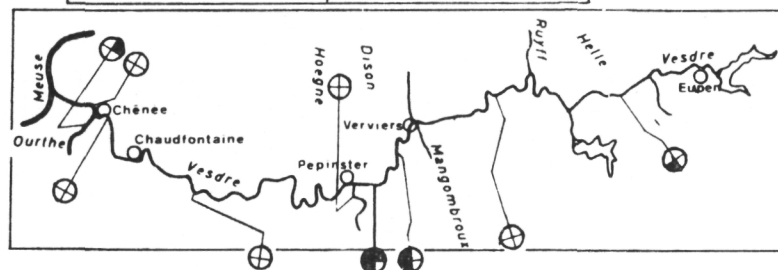
Phen.

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Eau-Water

- ⊕ 0 mcg/l
- ⊕ 1 - 5
- ⊕ 5,5 - 10
- ⊕ 10,1 - 30
- > 30



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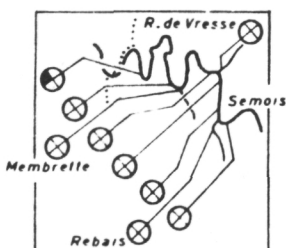
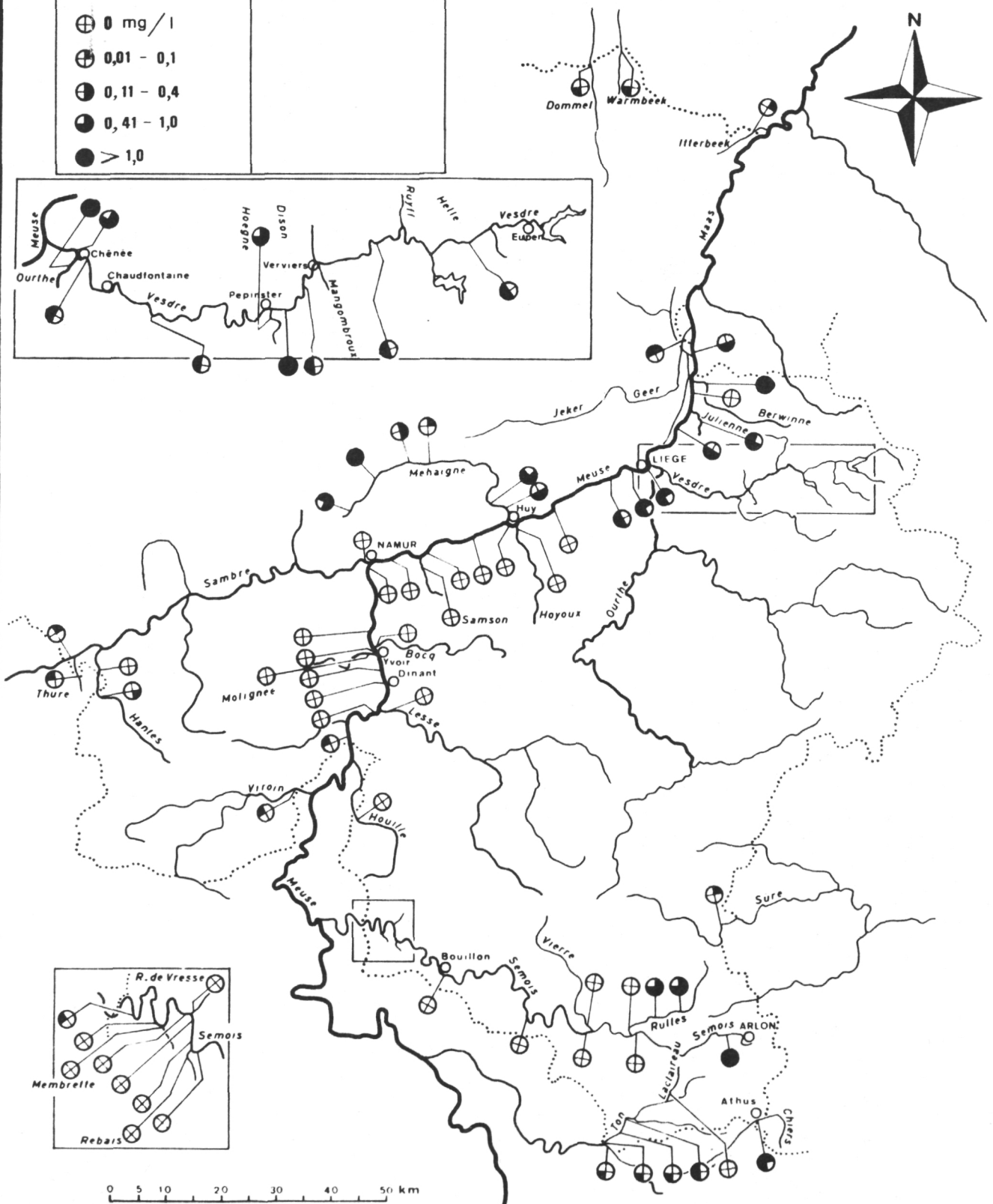
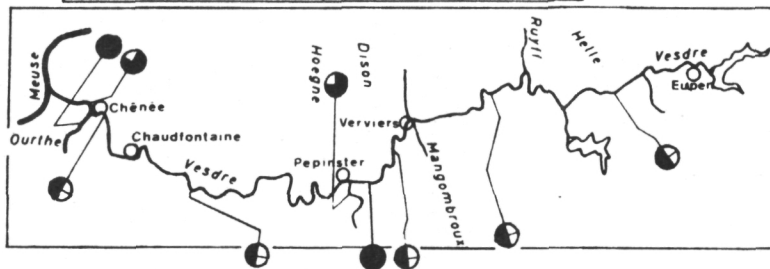
det.

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Eau-Water

- ⊕ 0 mg / l
- ⊕ 0,01 - 0,1
- ⊕ 0,11 - 0,4
- ⊕ 0,41 - 1,0
- > 1,0



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cyan.

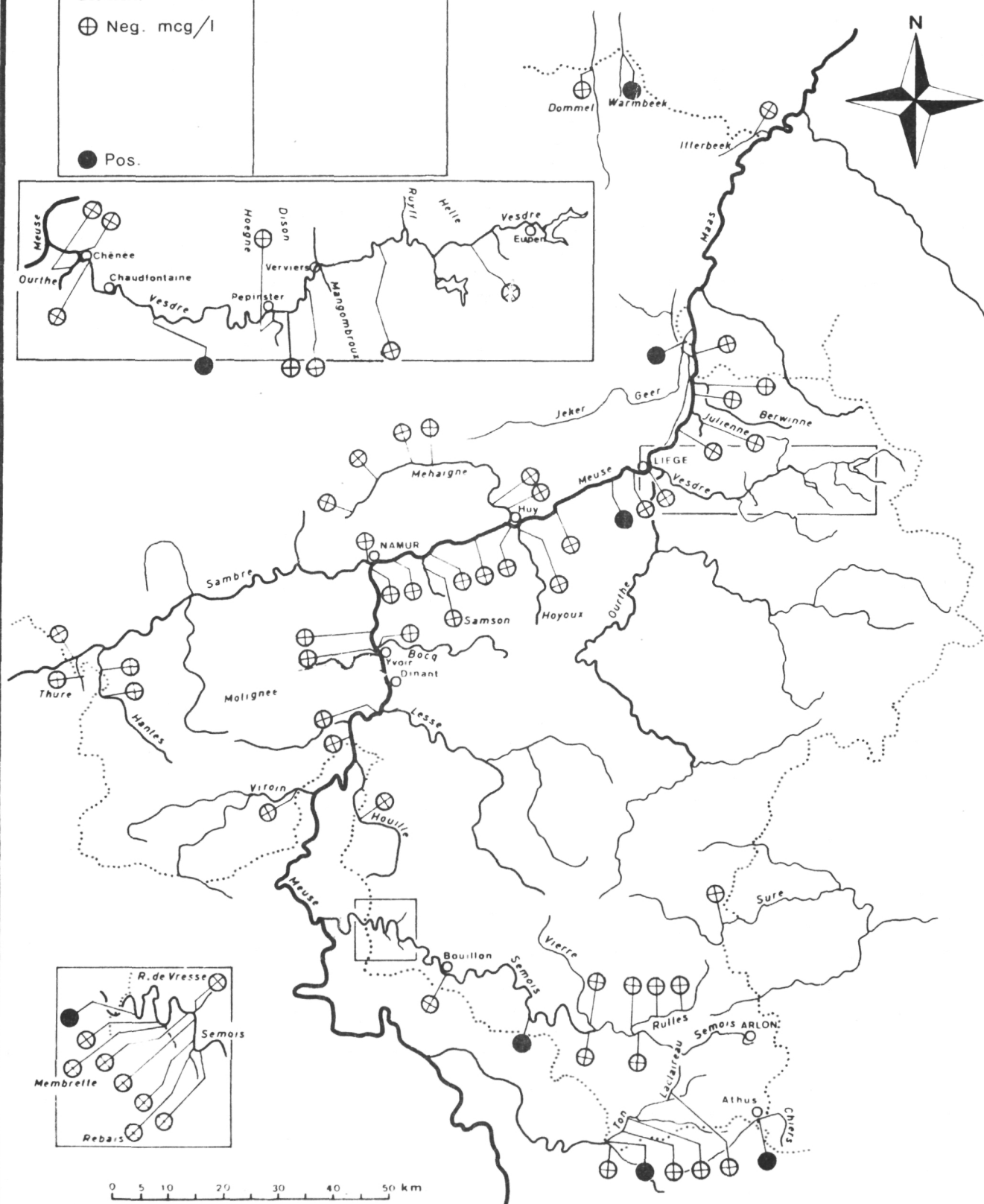
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Eau-Water

⊕ Neg. mcg/l

● Pos.



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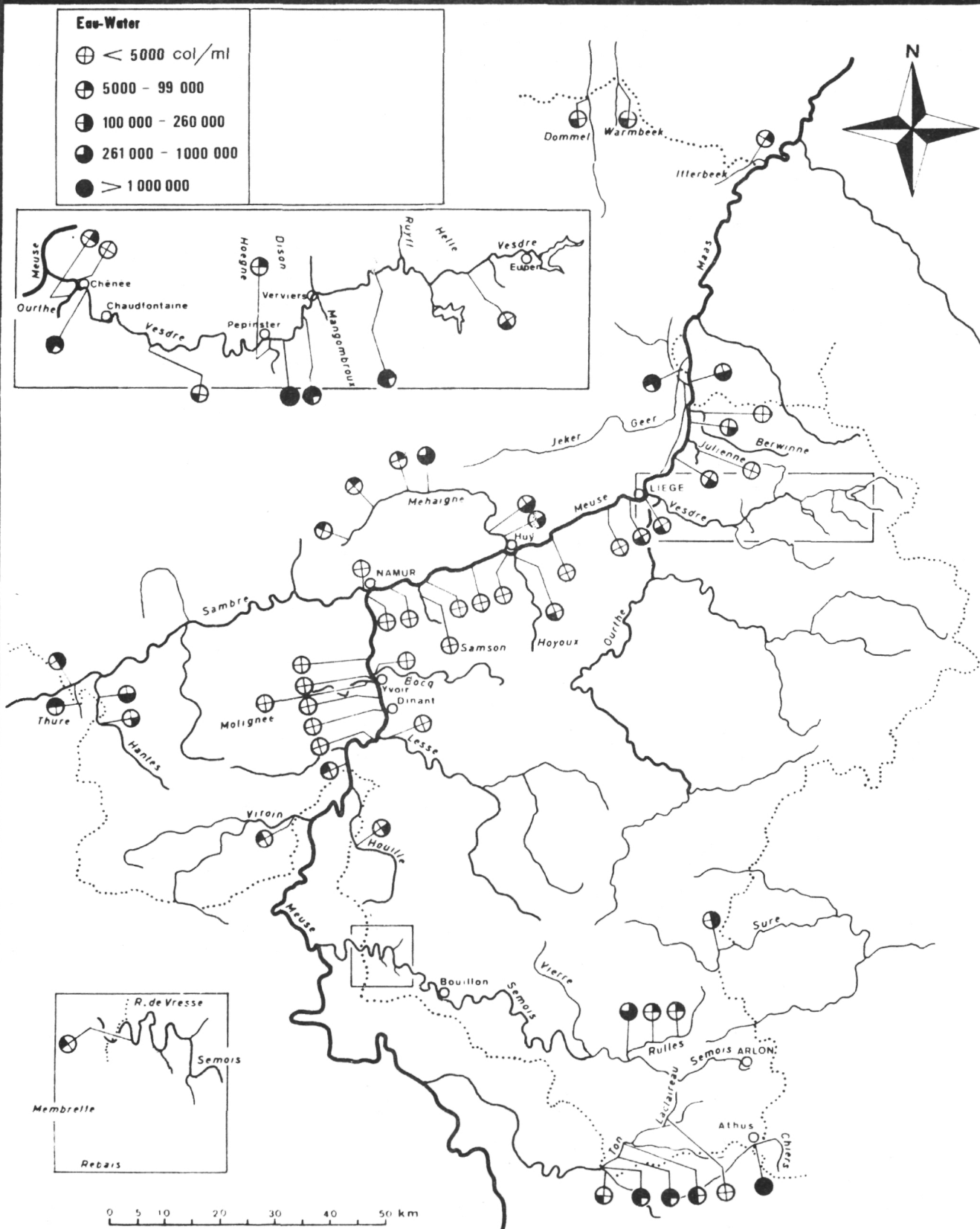
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Institut de Recherches Chimiques

Tot. count

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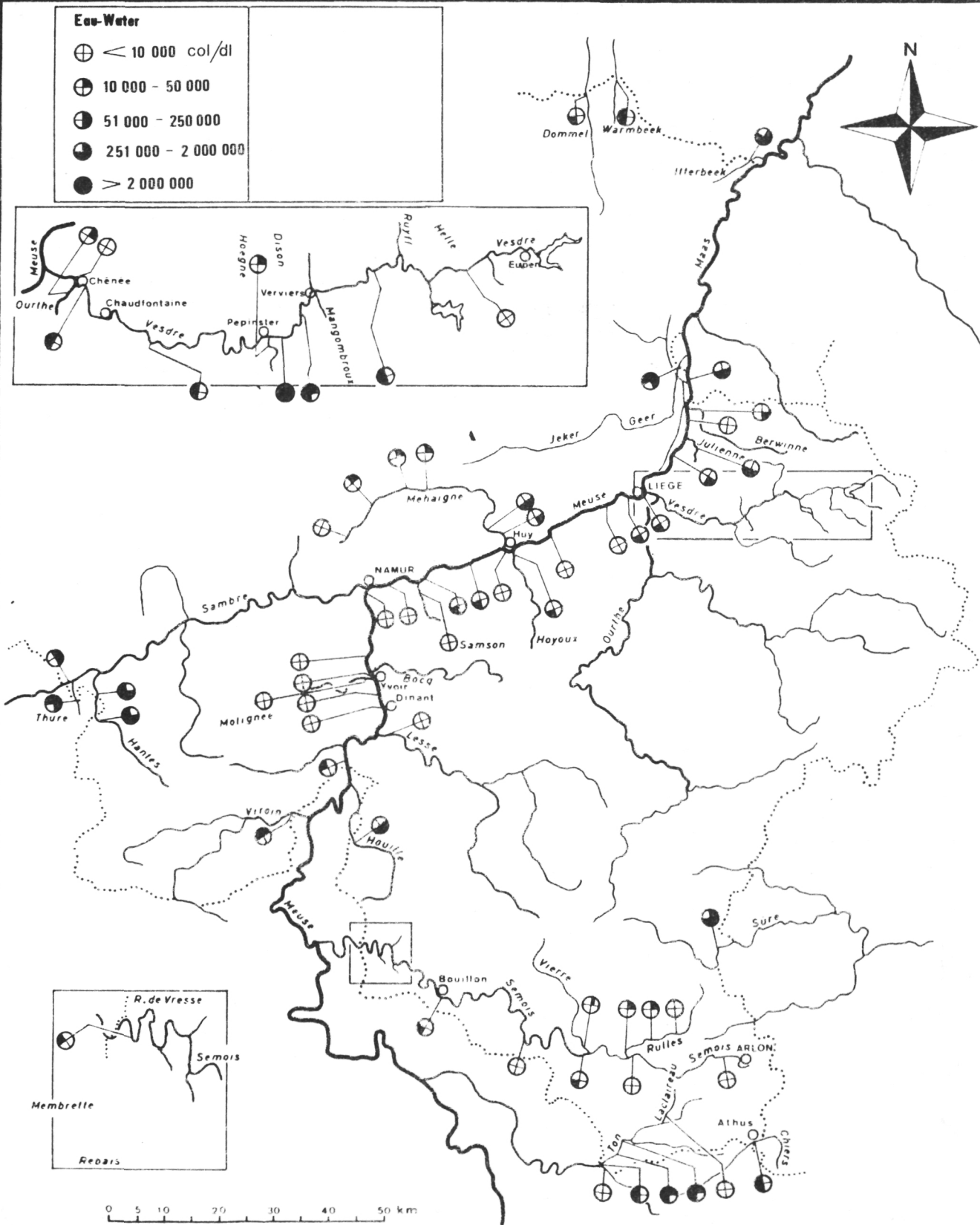
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Tot. coli.

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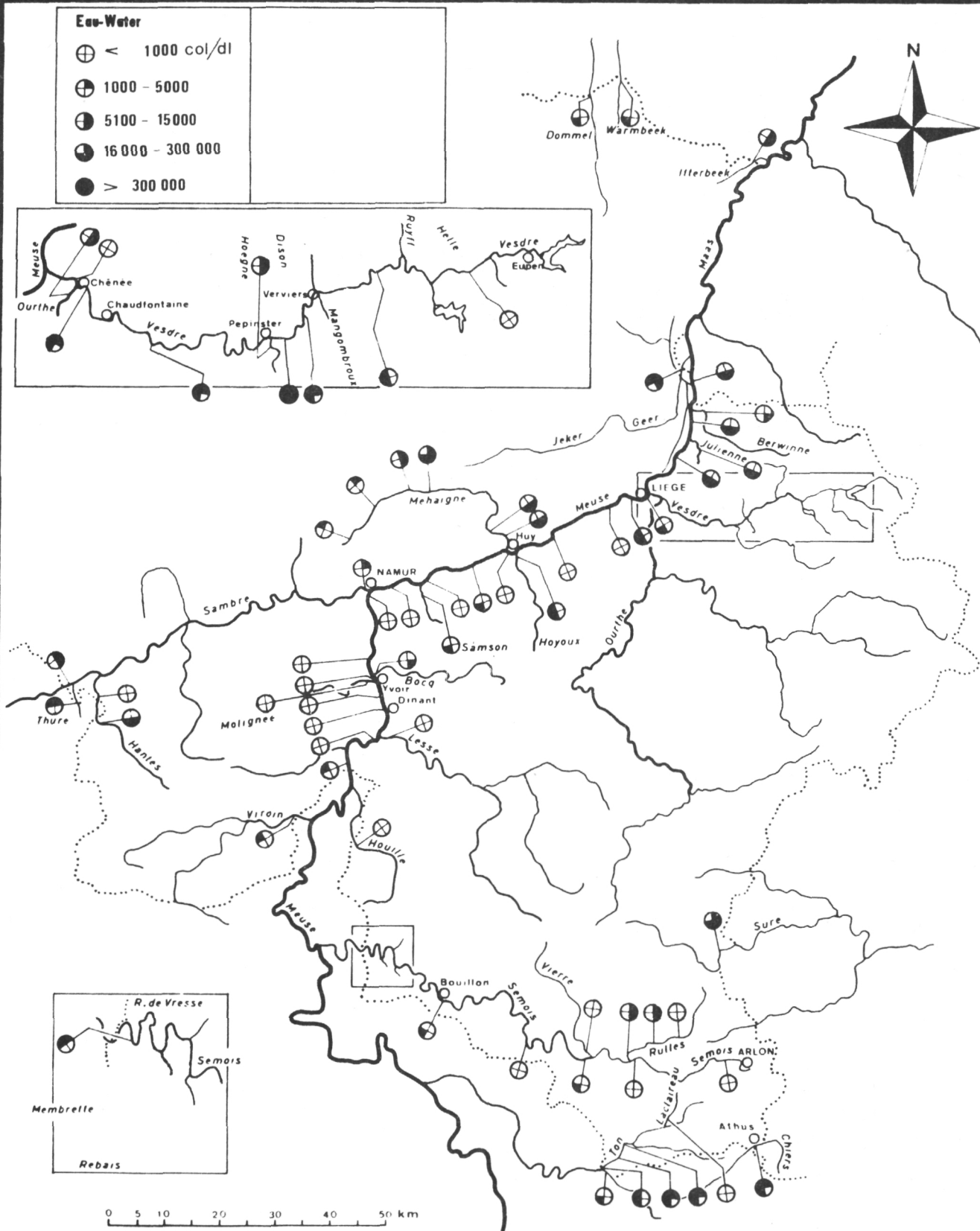
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Fec. coli.

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Fec. strep.

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Eau-Water

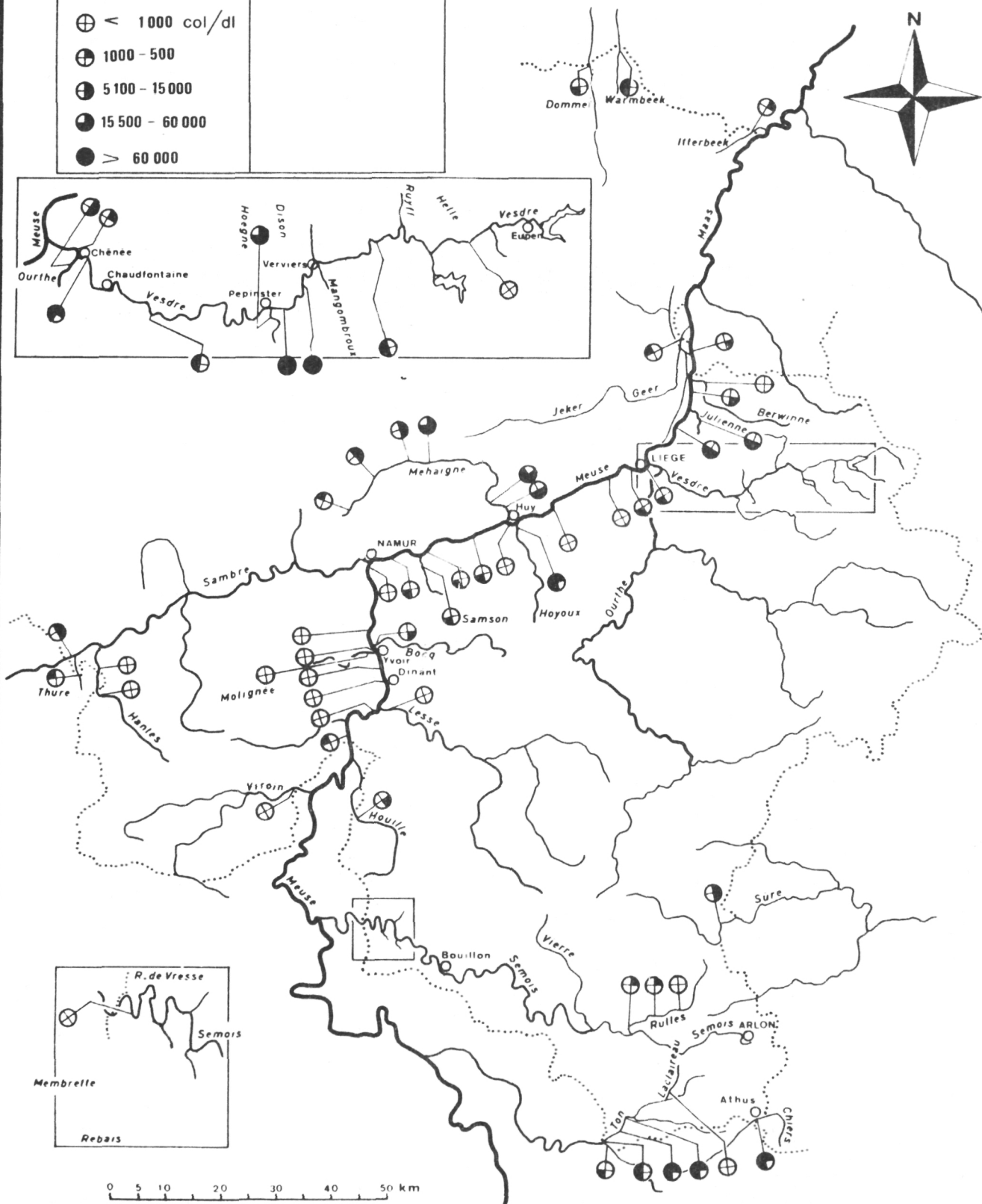
⊕ < 1000 col/dl

⊕ 1000 - 500

⊕ 5100 - 15000

● 15500 - 60000

● > 60000



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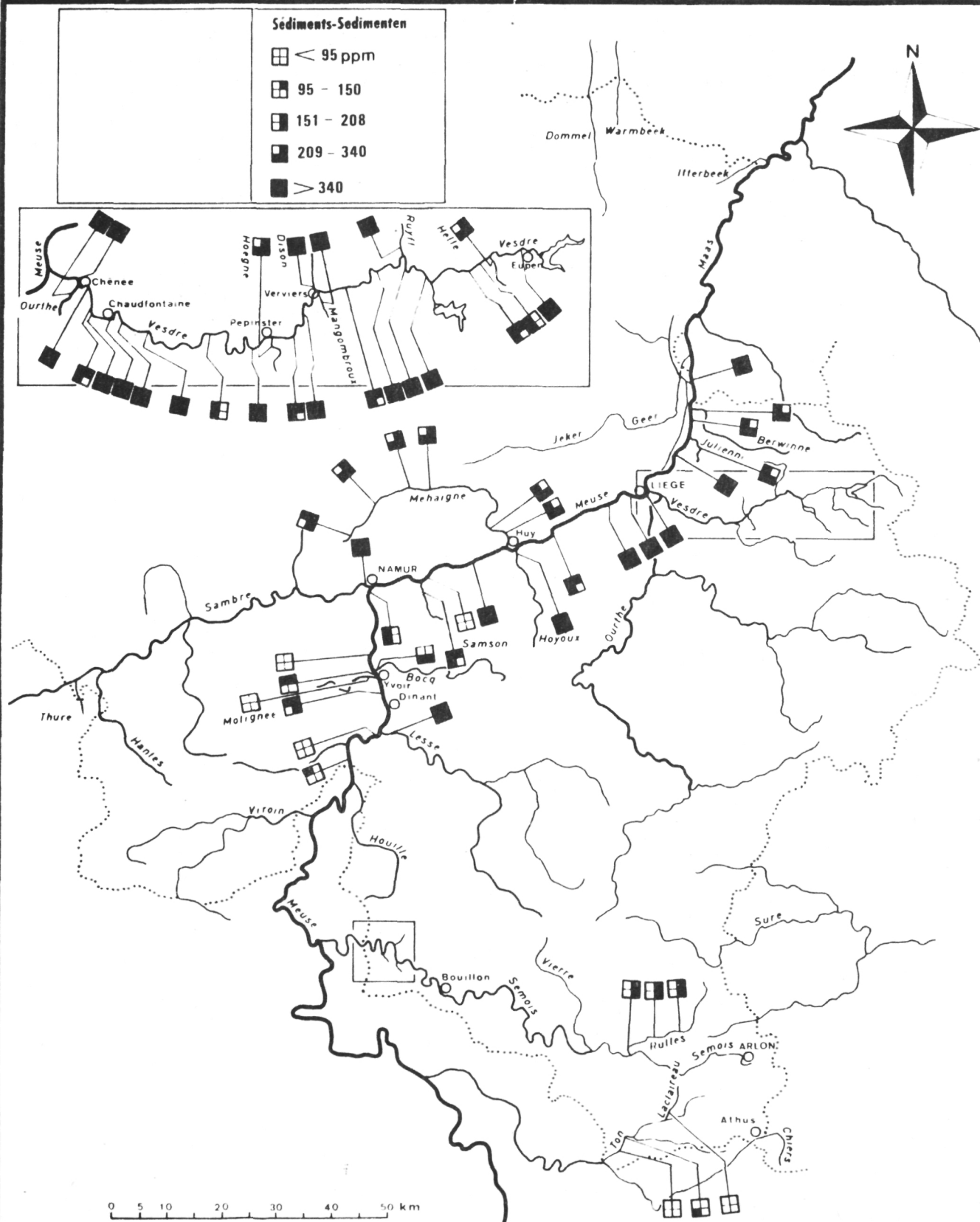
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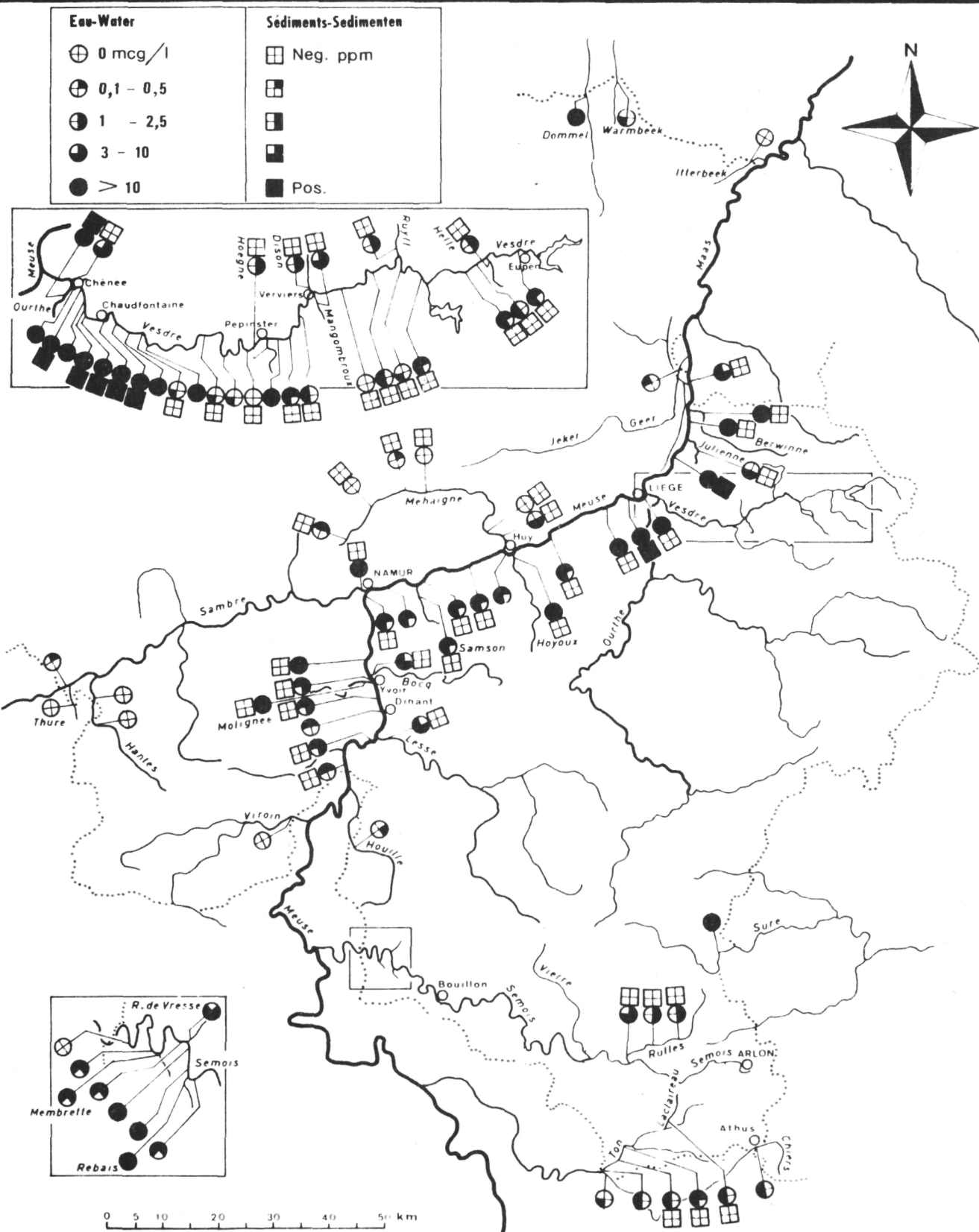
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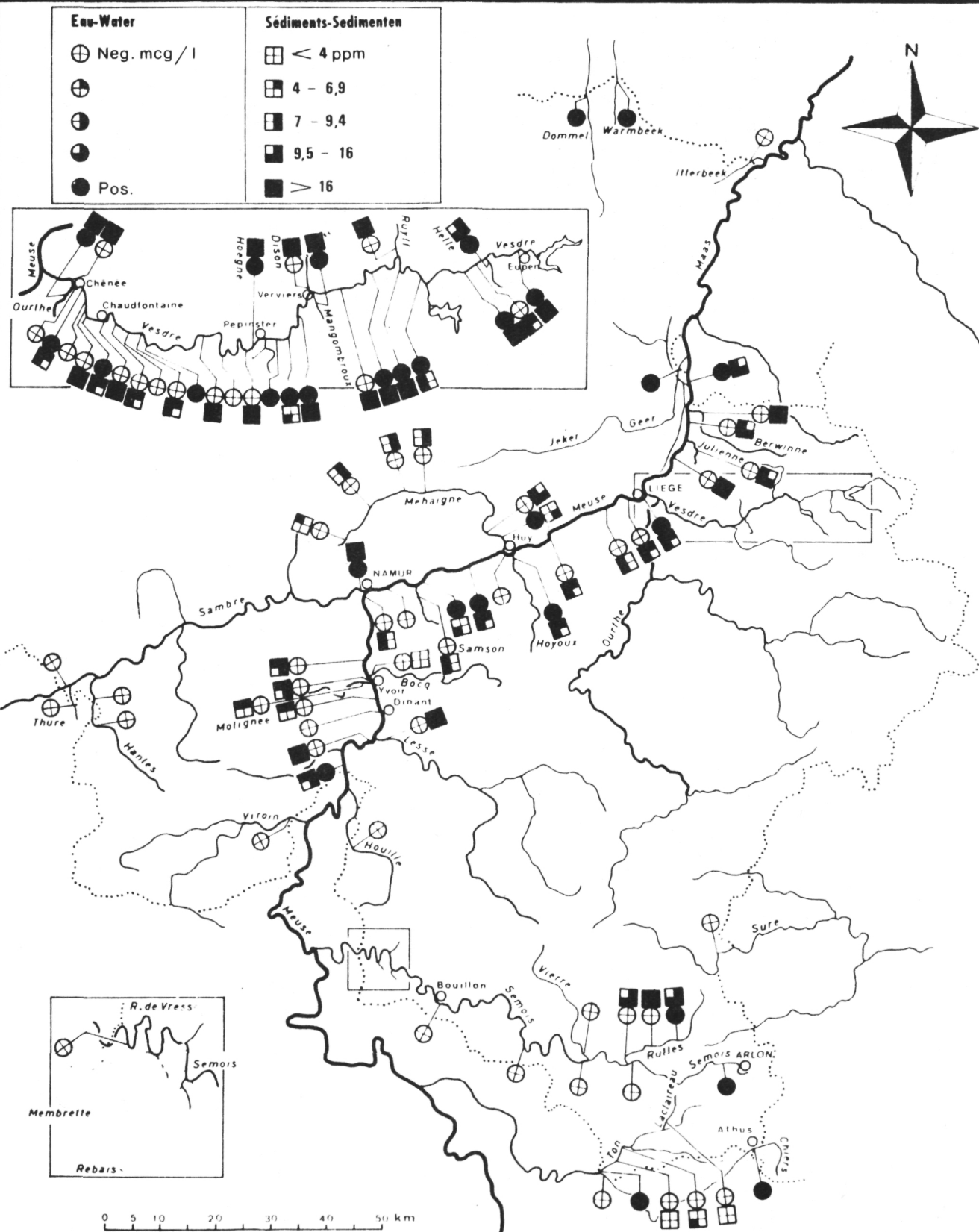
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Cr

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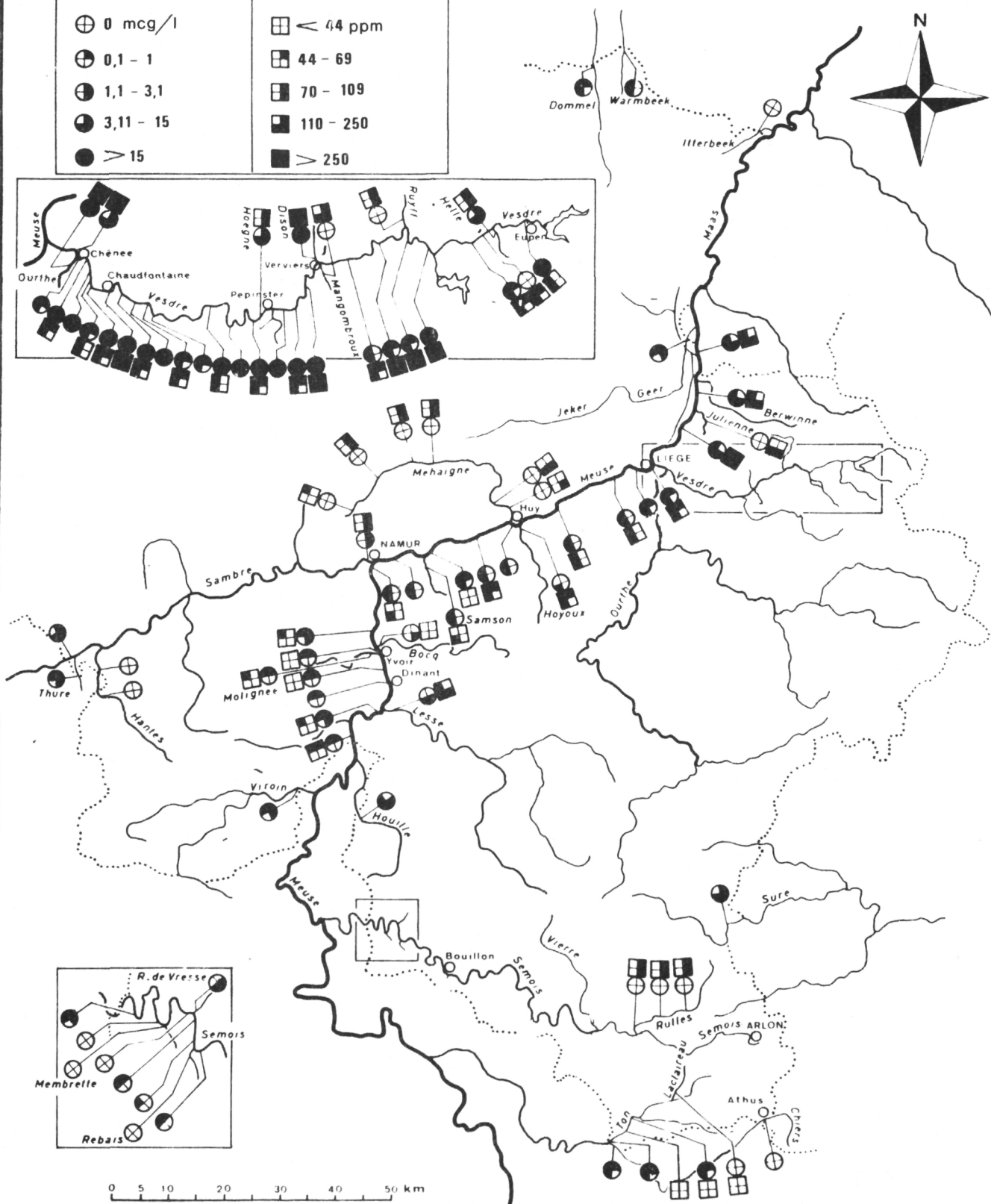
Instituut voor Scheikundig Onderzoek

Eau-Water

- ⊕ 0 mcg/l
- ⊕ 0,1 - 1
- ⊕ 1,1 - 3,1
- 3,11 - 15
- > 15

Sédiments-Sedimenten

- < 44 ppm
- ▤ 44 - 69
- ▥ 70 - 109
- ▦ 110 - 250
- > 250



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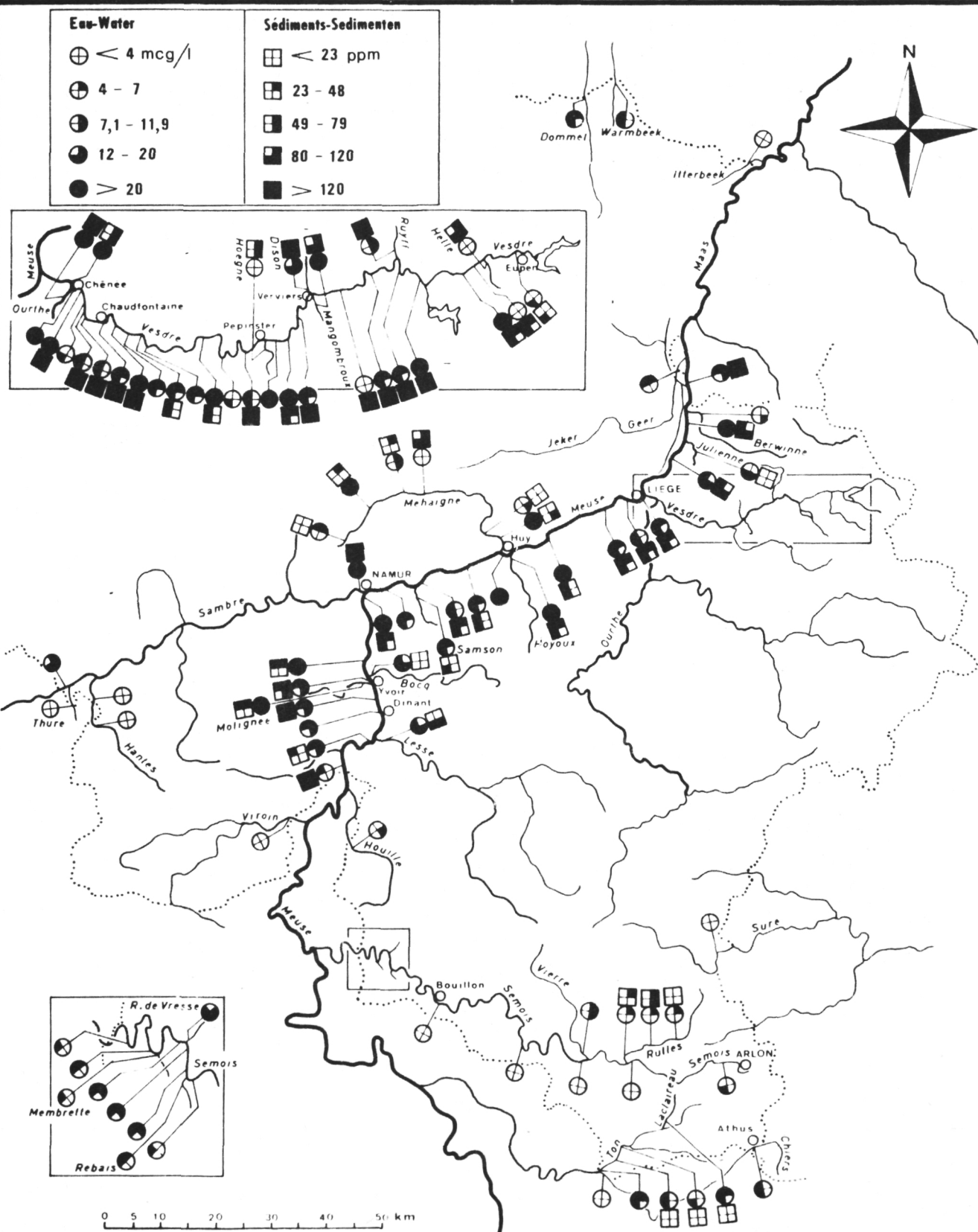
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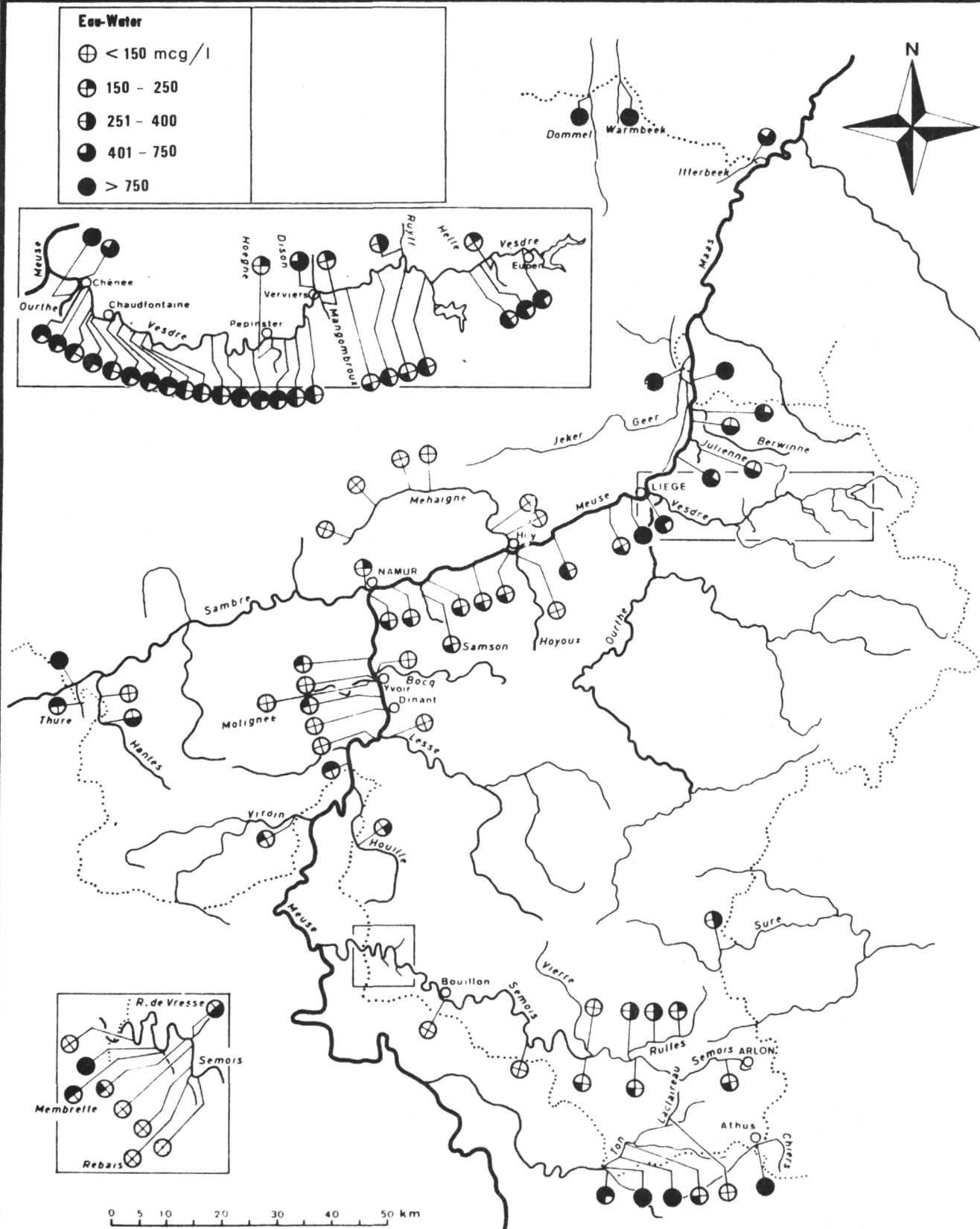
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Eau-Water

⊕ < 0,03 mcg/l

⊕ 0,03 - 0,10

⊕ 0,11 - 0,20

⊕ 0,21 - 0,40

● > 0,4

Sédiments-Sedimenten

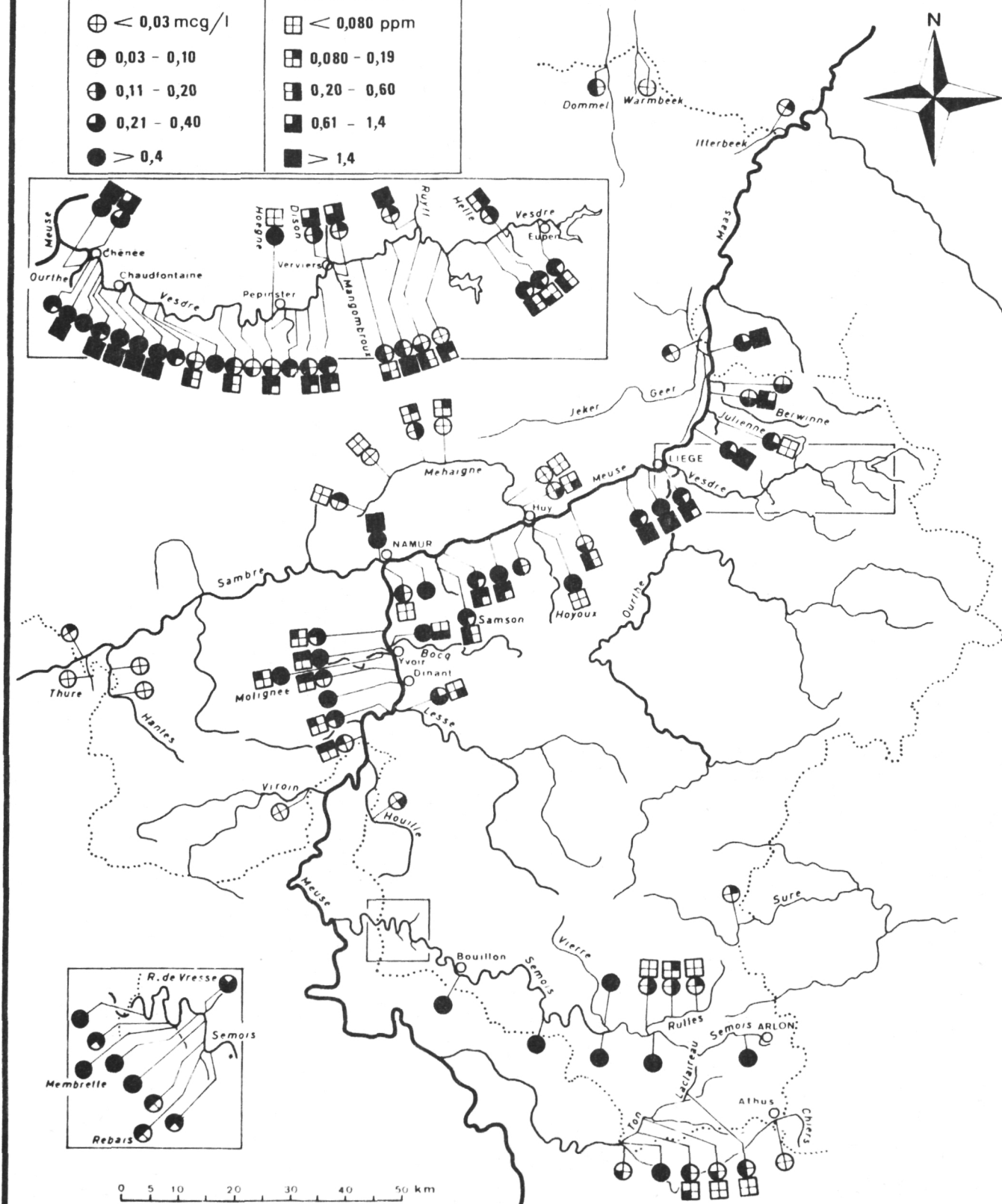
□ < 0,080 ppm

▤ 0,080 - 0,19

▥ 0,20 - 0,60

▦ 0,61 - 1,4

■ > 1,4



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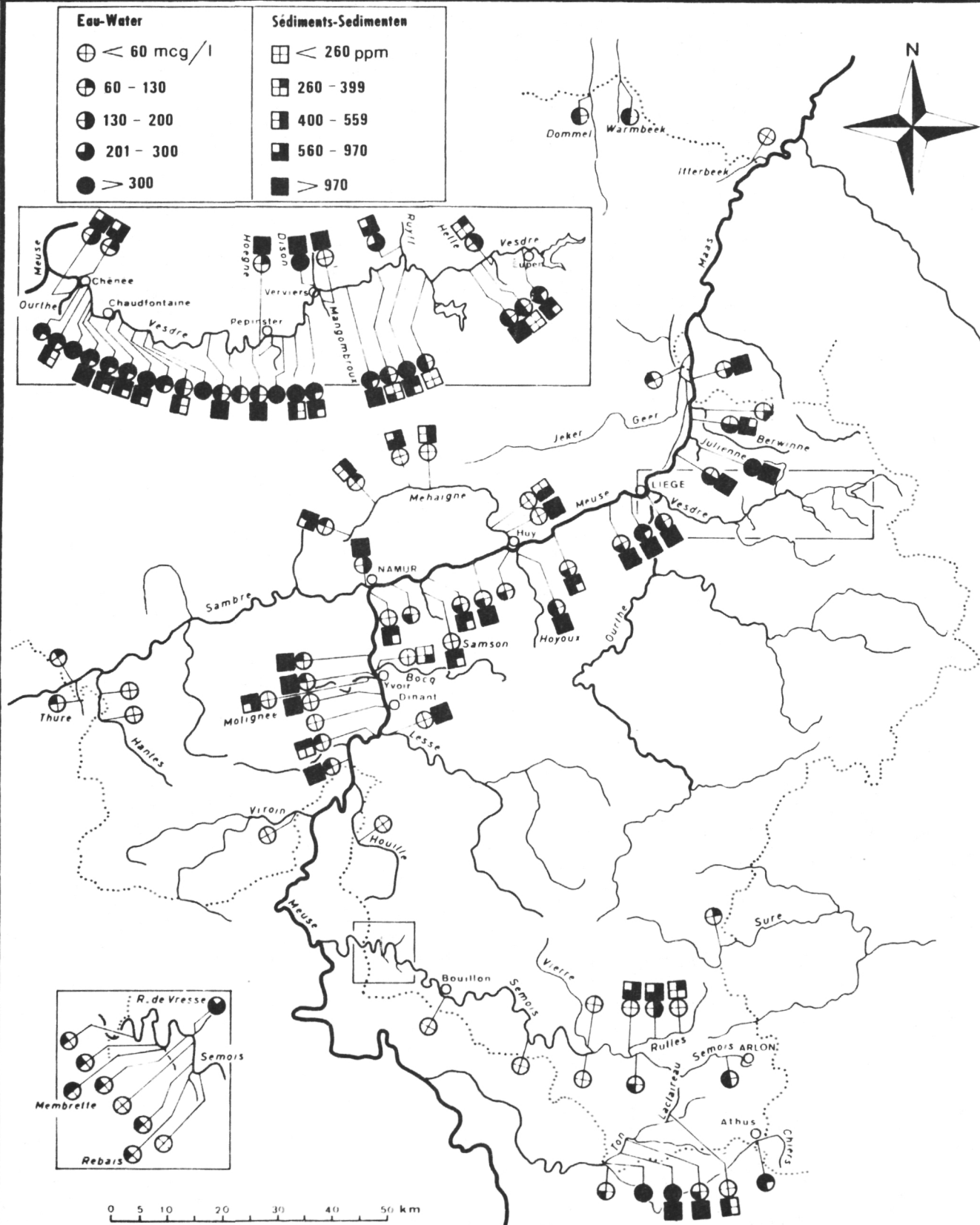
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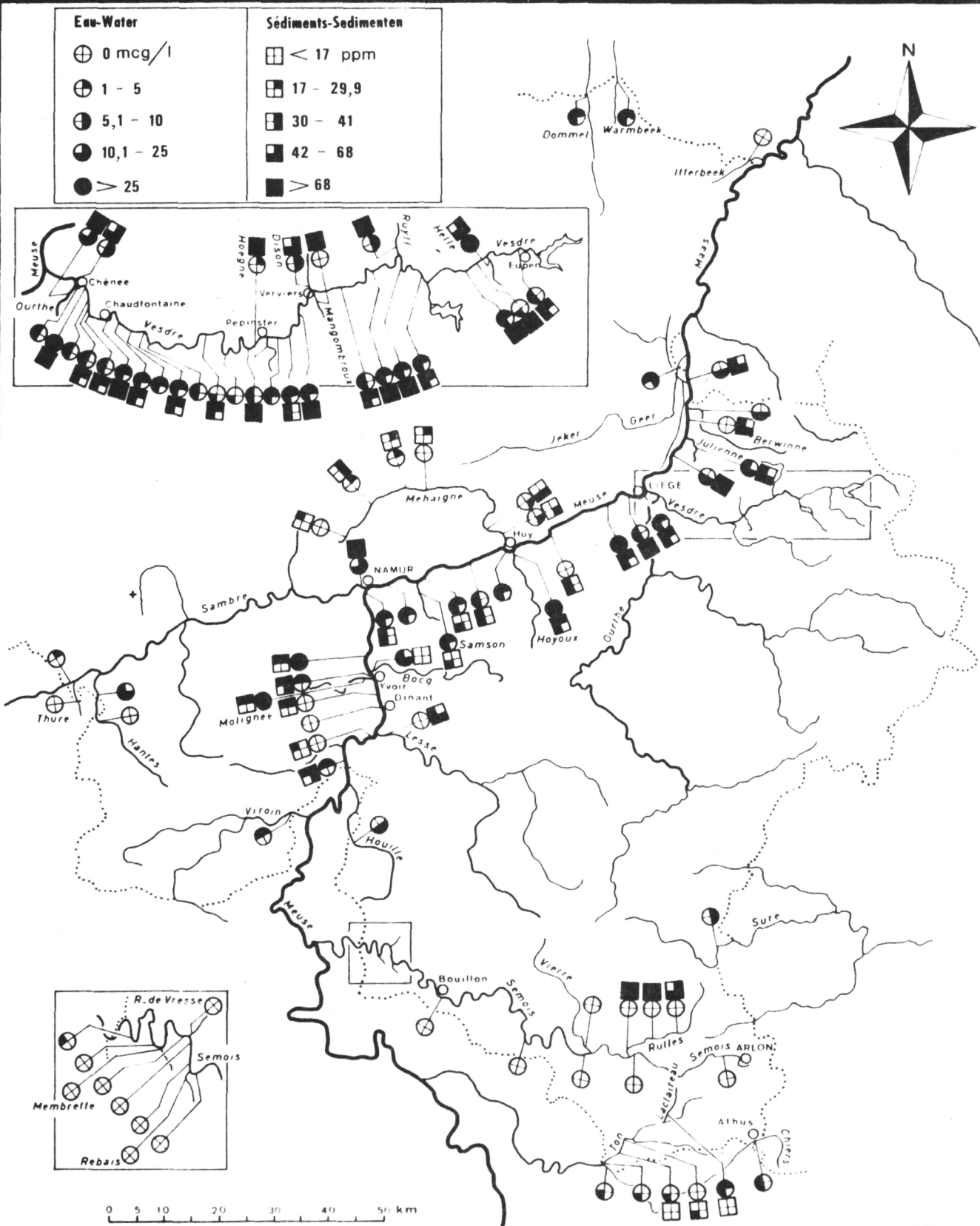
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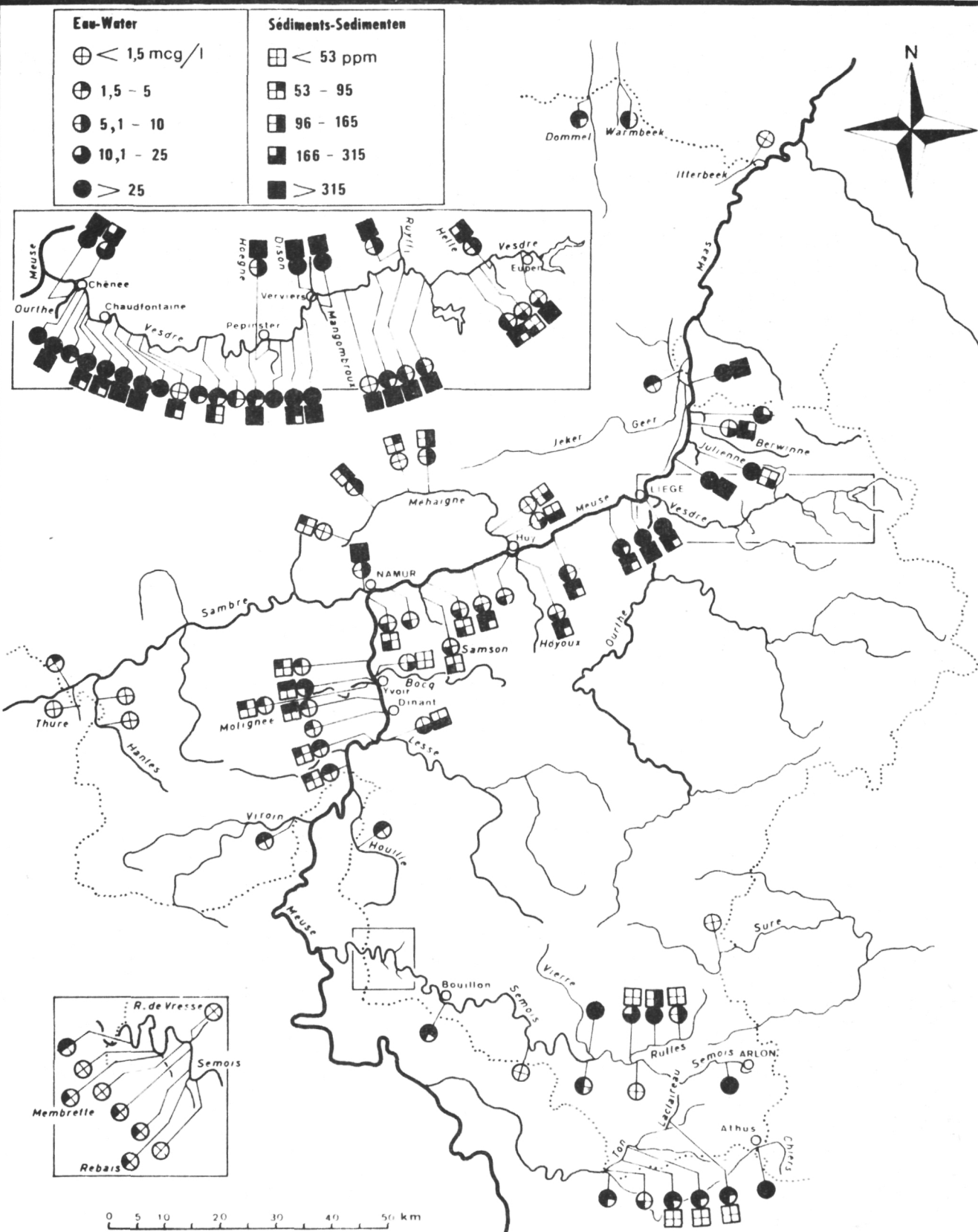
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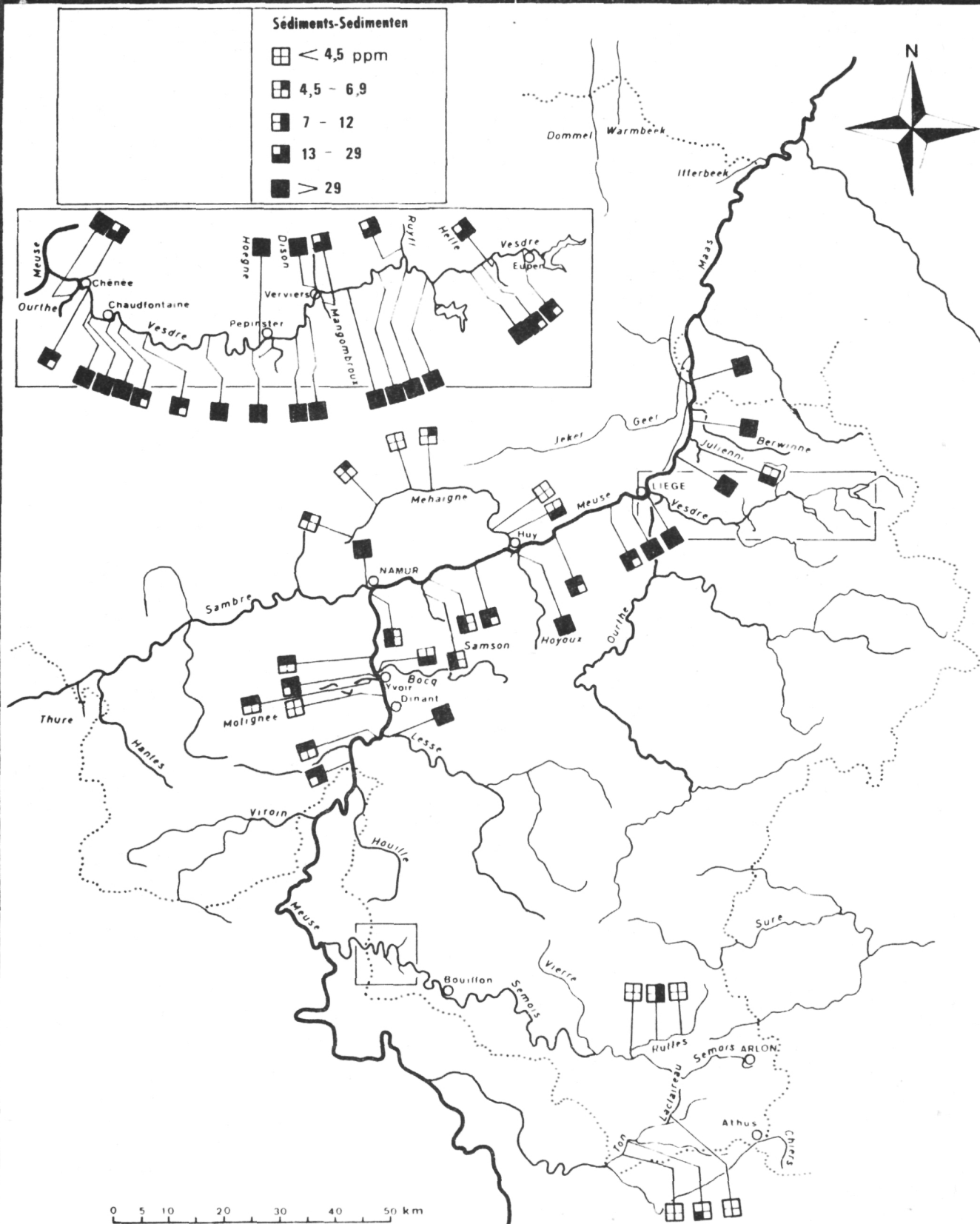
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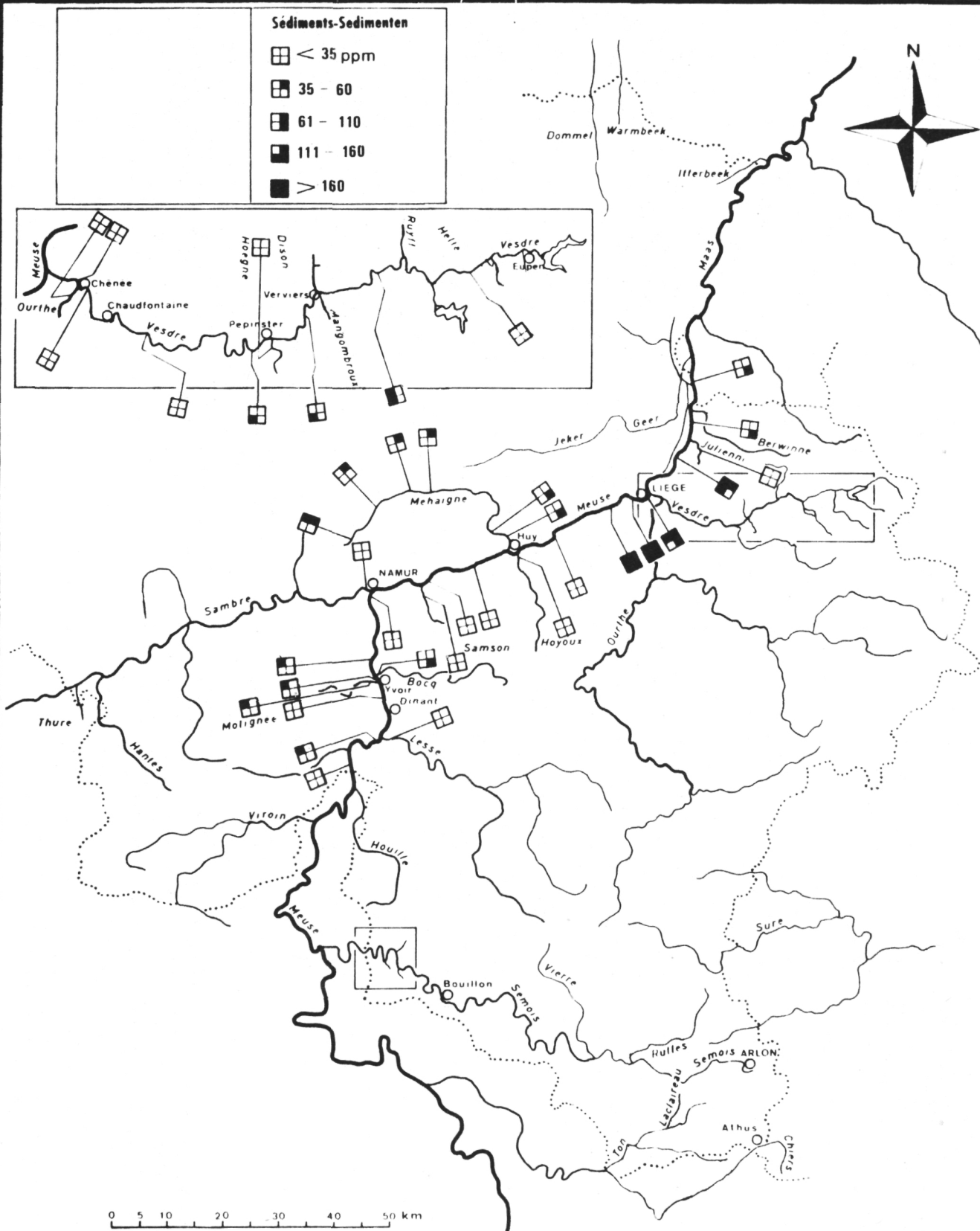
Institut d'Hygiène et d'Epidémiologie

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Sédiments-Sedimenten

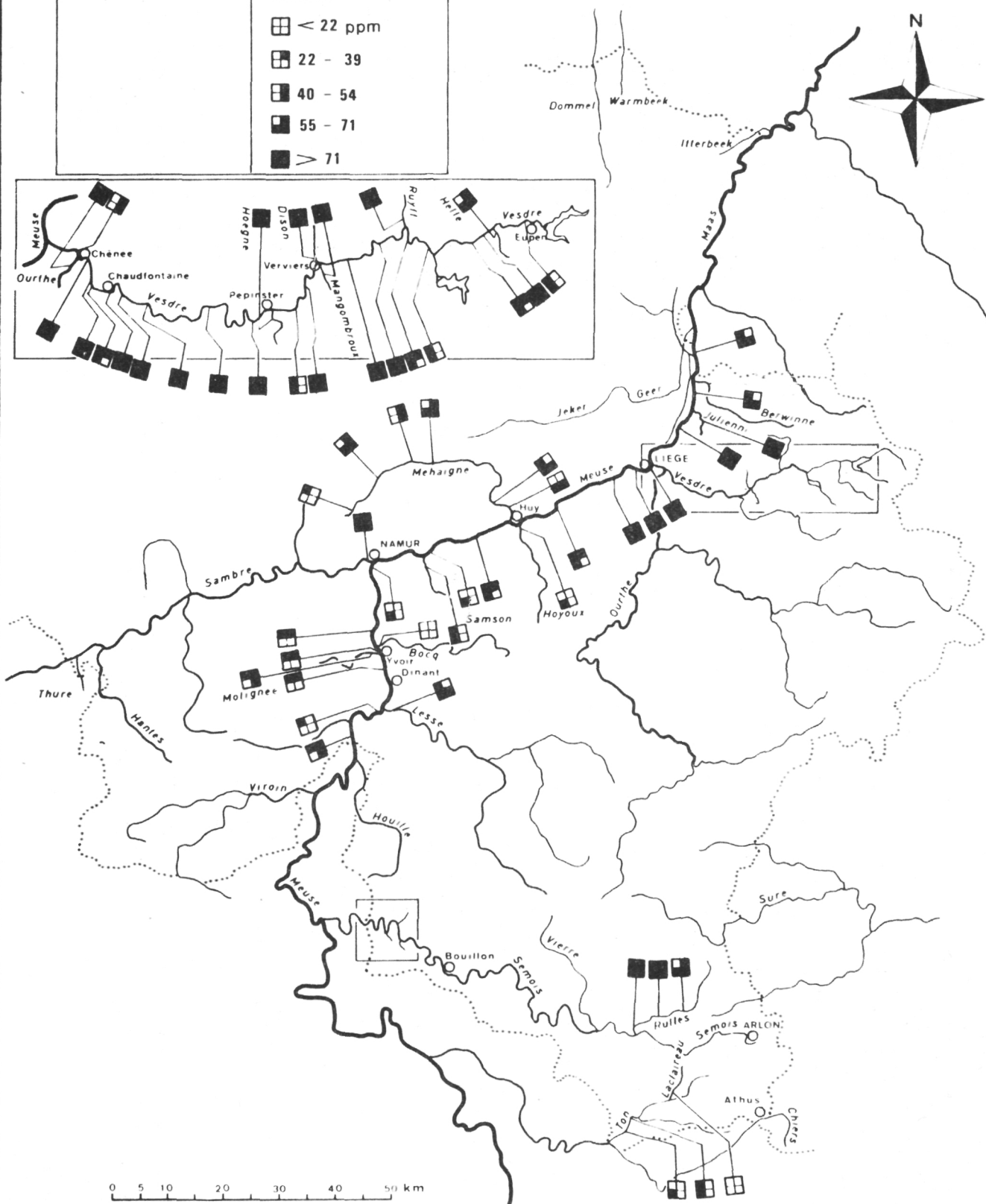
☐ < 22 ppm

▤ 22 - 39

▥ 40 - 54

▦ 55 - 71

■ > 71



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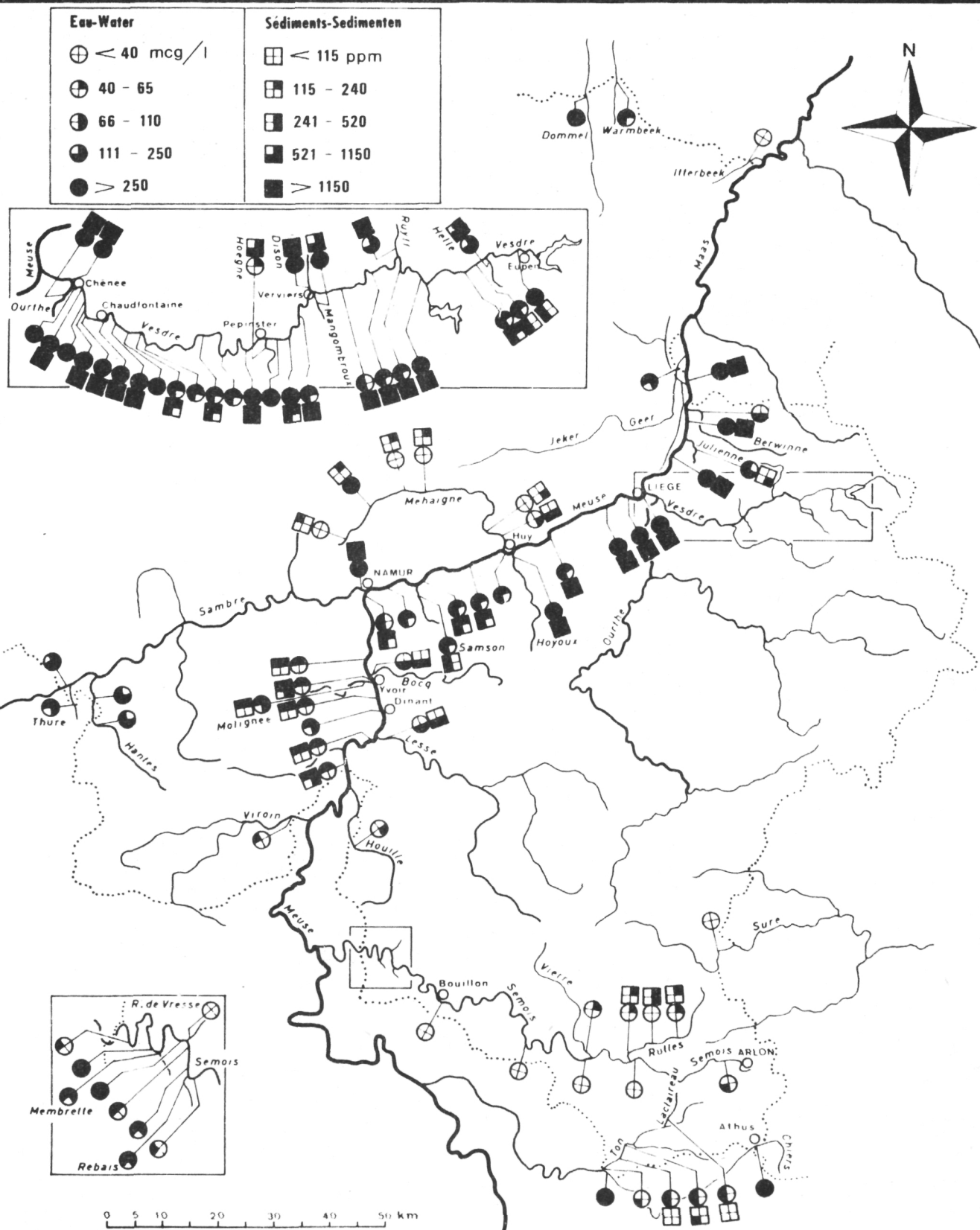
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Sédiments-Sedimenten

-  < 220 ppm
 221 - 339
 340 - 424
 425 - 530
 > 530

